

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o gcc/config/unix.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c x86_64-unknown-linux-gnu/gcc/config/unix.d
```

Execution times (seconds)

phase setup	:	0.01 (33%)	usr	0.00 (0%)	sys	0.02 (33%)	wall	1161 kB (75%)	ggc
phase parsing	:	0.01 (33%)	usr	0.01 (100%)	sys	0.02 (33%)	wall	288 kB (19%)	ggc
phase generate	:	0.01 (33%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	90 kB (6%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	0 kB (0%)	ggc
tree CFG cleanup	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	0 kB (0%)	ggc
thread pro- & epilogue	:	0.01 (33%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	3 kB (0%)	ggc
Module::parse	:	0.00 (0%)	usr	0.01 (100%)	sys	0.01 (17%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.01 (33%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	232 kB (15%)	ggc
TOTAL	:	0.03		0.01		0.06		1540 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/fpmath.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/fpmath.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (50%)	sys	0.02 (33%)	wall	1161 kB (72%)	ggc
phase parsing	:	0.01 (33%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	125 kB (8%)	ggc
phase generate	:	0.02 (67%)	usr	0.00 (0%)	sys	0.03 (50%)	wall	333 kB (21%)	ggc
phase finalize	:	0.00 (0%)	usr	0.01 (50%)	sys	0.01 (17%)	wall	0 kB (0%)	ggc
inline heuristics	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	3 kB (0%)	ggc
tree gimplify	:	0.01 (33%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	27 kB (2%)	ggc
reload	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	10 kB (1%)	ggc
reg stack	:	0.01 (33%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	4 kB (0%)	ggc
unaccounted post reload	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	0 kB (0%)	ggc
Module::parse	:	0.01 (33%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
TOTAL	:	0.03		0.02		0.06		1620 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o gcc/unwind_generic.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/gcc/unwind_generic.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (33%)	sys	0.02 (40%)	wall	1161 kB (91%)	ggc
phase parsing	:	0.02 (100%)	usr	0.01 (33%)	sys	0.02 (40%)	wall	84 kB (7%)	ggc
phase generate	:	0.00 (0%)	usr	0.01 (33%)	sys	0.01 (20%)	wall	28 kB (2%)	ggc
df live regs	:	0.00 (0%)	usr	0.01 (33%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
post expand cleanups	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	0 kB (0%)	ggc
Module::parse	:	0.01 (50%)	usr	0.01 (33%)	sys	0.01 (20%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	13 kB (1%)	ggc
TOTAL	:	0.02		0.03		0.05		1275 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/stdc/config.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/core/stdc/config.d
```

Execution times (seconds)

phase setup	:	0.01 (25%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	1161 kB (95%)	ggc
phase parsing	:	0.02 (50%)	usr	0.01 (100%)	sys	0.03 (60%)	wall	39 kB (3%)	ggc
phase generate	:	0.01 (25%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	27 kB (2%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	0 kB (0%)	ggc
tree CFG construction	:	0.01 (25%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	1 kB (0%)	ggc
Module::parse	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	0 kB (0%)	ggc

```
Module::semantic      : 0.02 (50%) usr 0.01 (100%) sys 0.02 (40%) wall 9 kB ( 1%) ggc
TOTAL                 : 0.04          0.01          0.05          1228 kB
```

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/stdc/ctype.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdPRECATED -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/core/stdc/ctype.d
```

Execution times (seconds)

```
phase setup          : 0.01 (50%) usr 0.00 ( 0%) sys 0.02 (67%) wall 1161 kB (94%) ggc
phase parsing         : 0.01 (50%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 47 kB ( 4%) ggc
phase generate        : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (33%) wall 27 kB ( 2%) ggc
integrated RA         : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (33%) wall 12 kB ( 1%) ggc
Module::parse         : 0.01 (50%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 0 kB ( 0%) ggc
TOTAL                 : 0.02          0.00          0.03          1236 kB
```

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/stdc/errno.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdPRECATED -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/core/stdc/errno.d
```

Execution times (seconds)

```
phase setup          : 0.01 (33%) usr 0.00 ( 0%) sys 0.01 (33%) wall 1161 kB (90%) ggc
phase parsing         : 0.01 (33%) usr 0.00 ( 0%) sys 0.01 (33%) wall 45 kB ( 3%) ggc
phase generate        : 0.01 (33%) usr 0.00 ( 0%) sys 0.01 (33%) wall 85 kB ( 7%) ggc
post expand cleanups   : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (33%) wall 2 kB ( 0%) ggc
integrated RA         : 0.01 (33%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 36 kB ( 3%) ggc
Module::parse         : 0.01 (33%) usr 0.00 ( 0%) sys 0.01 (33%) wall 0 kB ( 0%) ggc
TOTAL                 : 0.03          0.00          0.03          1292 kB
```

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/stdc/math.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdPRECATED -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/core/stdc/math.d
```

Execution times (seconds)

```
phase setup          : 0.01 ( 8%) usr 0.01 (50%) sys 0.01 ( 7%) wall 1161 kB (46%) ggc
phase parsing         : 0.03 (25%) usr 0.00 ( 0%) sys 0.04 (29%) wall 142 kB ( 6%) ggc
phase generate        : 0.08 (67%) usr 0.01 (50%) sys 0.09 (64%) wall 1232 kB (49%) ggc
callgraph construction : 0.01 ( 8%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 20 kB ( 1%) ggc
df scan insns         : 0.01 ( 8%) usr 0.00 ( 0%) sys 0.01 ( 7%) wall 3 kB ( 0%) ggc
tree SSA rewrite       : 0.01 ( 8%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 16 kB ( 1%) ggc
callgraph verifier     : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 ( 7%) wall 0 kB ( 0%) ggc
dominance computation  : 0.00 ( 0%) usr 0.01 (50%) sys 0.00 ( 0%) wall 0 kB ( 0%) ggc
post expand cleanups   : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 ( 7%) wall 41 kB ( 2%) ggc
integrated RA         : 0.01 ( 8%) usr 0.00 ( 0%) sys 0.02 (14%) wall 458 kB (18%) ggc
reload                : 0.02 (17%) usr 0.00 ( 0%) sys 0.01 ( 7%) wall 27 kB ( 1%) ggc
thread pro- & epilogue : 0.02 (17%) usr 0.00 ( 0%) sys 0.01 ( 7%) wall 65 kB ( 3%) ggc
reg stack              : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.02 (14%) wall 56 kB ( 2%) ggc
Module::parse         : 0.01 ( 8%) usr 0.00 ( 0%) sys 0.02 (14%) wall 0 kB ( 0%) ggc
Module::semantic       : 0.02 (17%) usr 0.00 ( 0%) sys 0.01 ( 7%) wall 9 kB ( 0%) ggc
Module::genobjfile     : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 ( 7%) wall 110 kB ( 4%) ggc
TOTAL                 : 0.12          0.02          0.14          2536 kB
```

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/stdc/signal.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdPRECATED -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/core/stdc/signal.d
```

Execution times (seconds)

phase setup	:	0.01 (100%)	usr	0.00 (0%)	sys	0.01 (50%)	wall	1161 kB (94%)	ggc
phase parsing	:	0.00 (0%)	usr	0.01 (100%)	sys	0.01 (50%)	wall	40 kB (3%)	ggc
Module::parse	:	0.00 (0%)	usr	0.01 (100%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (50%)	wall	8 kB (1%)	ggc
TOTAL	:	0.01		0.01		0.02		1230 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/stdc/stdarg.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/core/stdc/stdarg.d
```

Execution times (seconds)

phase setup	:	0.01 (25%)	usr	0.00 (0%)	sys	0.01 (25%)	wall	1161 kB (95%)	ggc
phase parsing	:	0.03 (75%)	usr	0.00 (0%)	sys	0.03 (75%)	wall	39 kB (3%)	ggc
Module::parse	:	0.01 (25%)	usr	0.00 (0%)	sys	0.01 (25%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.02 (50%)	usr	0.00 (0%)	sys	0.02 (50%)	wall	9 kB (1%)	ggc
TOTAL	:	0.04		0.00		0.04		1228 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/stdc/stdio.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/core/stdc/stdio.d
```

Execution times (seconds)

phase setup	:	0.02 (33%)	usr	0.00 (0%)	sys	0.02 (29%)	wall	1161 kB (80%)	ggc
phase parsing	:	0.03 (50%)	usr	0.00 (0%)	sys	0.03 (43%)	wall	137 kB (9%)	ggc
phase generate	:	0.01 (17%)	usr	0.01 (100%)	sys	0.02 (29%)	wall	148 kB (10%)	ggc
CFG verifier	:	0.00 (0%)	usr	0.01 (100%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (14%)	wall	0 kB (0%)	ggc
integrated RA	:	0.01 (17%)	usr	0.00 (0%)	sys	0.01 (14%)	wall	61 kB (4%)	ggc
Module::parse	:	0.01 (17%)	usr	0.00 (0%)	sys	0.02 (29%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (17%)	usr	0.00 (0%)	sys	0.01 (14%)	wall	14 kB (1%)	ggc
Module::genobjfile	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	99 kB (7%)	ggc
TOTAL	:	0.06		0.01		0.07		1448 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/stdc/stdlib.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/core/stdc/stdlib.d
```

Execution times (seconds)

phase setup	:	0.02 (50%)	usr	0.00 (0%)	sys	0.01 (25%)	wall	1161 kB (89%)	ggc
phase parsing	:	0.02 (50%)	usr	0.00 (0%)	sys	0.03 (75%)	wall	108 kB (8%)	ggc
Module::parse	:	0.01 (25%)	usr	0.00 (0%)	sys	0.02 (50%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (25%)	usr	0.00 (0%)	sys	0.01 (25%)	wall	12 kB (1%)	ggc
TOTAL	:	0.04		0.00		0.04		1300 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/stdc/stdint.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/core/stdc/stdint.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (100%)	sys	0.02 (29%)	wall	1161 kB (79%)	ggc
phase parsing	:	0.04 (67%)	usr	0.00 (0%)	sys	0.03 (43%)	wall	65 kB (4%)	ggc
phase generate	:	0.02 (33%)	usr	0.00 (0%)	sys	0.02 (29%)	wall	251 kB (17%)	ggc
df scan insns	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (14%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (14%)	wall	0 kB (0%)	ggc
integrated RA	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	110 kB (7%)	ggc
thread pro- & epilogue	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	14 kB (1%)	ggc

```

Module::parse      : 0.02 (33%) usr 0.00 ( 0%) sys 0.02 (29%) wall 0 kB ( 0%) ggc
Module::semantic   : 0.02 (33%) usr 0.00 ( 0%) sys 0.01 (14%) wall 16 kB ( 1%) ggc
TOTAL              : 0.06          0.01          0.07          1478 kB

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```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/stdc/stddef.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/core/stdc/stddef.d

```

```

Execution times (seconds)
phase setup      : 0.02 (100%) usr 0.00 ( 0%) sys 0.02 (67%) wall 1161 kB (95%) ggc
phase finalize   : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (33%) wall 0 kB ( 0%) ggc
TOTAL           : 0.02          0.00          0.03          1228 kB

```

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/stdc/string.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/core/stdc/string.d

```

```

Execution times (seconds)
phase setup      : 0.01 (50%) usr 0.00 ( 0%) sys 0.04 (80%) wall 1161 kB (93%) ggc
phase parsing    : 0.01 (50%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 60 kB ( 5%) ggc
phase generate   : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (20%) wall 27 kB ( 2%) ggc
final           : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (20%) wall 1 kB ( 0%) ggc
Module::parse    : 0.01 (50%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 0 kB ( 0%) ggc
TOTAL           : 0.02          0.00          0.05          1250 kB

```

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/stdc/time.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/core/stdc/time.d

```

```

Execution times (seconds)
phase setup      : 0.01 (33%) usr 0.00 ( 0%) sys 0.03 (43%) wall 1161 kB (92%) ggc
phase parsing    : 0.01 (33%) usr 0.02 (100%) sys 0.03 (43%) wall 76 kB ( 6%) ggc
phase generate   : 0.01 (33%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 28 kB ( 2%) ggc
phase finalize   : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (14%) wall 0 kB ( 0%) ggc
integrated RA    : 0.01 (33%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 12 kB ( 1%) ggc
Module::parse    : 0.00 ( 0%) usr 0.01 (50%) sys 0.00 ( 0%) wall 0 kB ( 0%) ggc
Module::semantic : 0.01 (33%) usr 0.01 (50%) sys 0.02 (29%) wall 11 kB ( 1%) ggc
Module::genobjfile : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (14%) wall 42 kB ( 3%) ggc
TOTAL           : 0.03          0.02          0.07          1267 kB

```

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/stdc/wchar.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/core/stdc/wchar.d

```

```

Execution times (seconds)
phase setup      : 0.00 ( 0%) usr 0.01 (100%) sys 0.03 (33%) wall 1161 kB (81%) ggc
phase parsing    : 0.04 (80%) usr 0.00 ( 0%) sys 0.04 (44%) wall 133 kB ( 9%) ggc
phase generate   : 0.01 (20%) usr 0.00 ( 0%) sys 0.01 (11%) wall 147 kB (10%) ggc
phase finalize   : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (11%) wall 0 kB ( 0%) ggc
callgraph construction : 0.01 (20%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 4 kB ( 0%) ggc
alias analysis   : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (11%) wall 1 kB ( 0%) ggc
Module::parse    : 0.02 (40%) usr 0.00 ( 0%) sys 0.02 (22%) wall 0 kB ( 0%) ggc
Module::semantic : 0.01 (20%) usr 0.00 ( 0%) sys 0.02 (22%) wall 16 kB ( 1%) ggc
Module::genobjfile : 0.01 (20%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 94 kB ( 7%) ggc
TOTAL           : 0.05          0.01          0.09          1442 kB

```

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/sys/posix/netinet/in_.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/core/sys/posix/netinet/in_.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (50%)	sys	0.03 (25%)	wall	1161 kB (63%)	ggc
phase parsing	:	0.04 (50%)	usr	0.00 (0%)	sys	0.04 (33%)	wall	139 kB (8%)	ggc
phase generate	:	0.04 (50%)	usr	0.01 (50%)	sys	0.05 (42%)	wall	543 kB (29%)	ggc
callgraph construction	:	0.01 (13%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	11 kB (1%)	ggc
tree gimplify	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	56 kB (3%)	ggc
callgraph verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	0 kB (0%)	ggc
integrated RA	:	0.01 (13%)	usr	0.01 (50%)	sys	0.01 (8%)	wall	196 kB (11%)	ggc
reload	:	0.01 (12%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	6 kB (0%)	ggc
final	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (17%)	wall	22 kB (1%)	ggc
rest of compilation	:	0.01 (12%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	32 kB (2%)	ggc
Module::parse	:	0.02 (25%)	usr	0.00 (0%)	sys	0.03 (25%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.02 (25%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	24 kB (1%)	ggc
TOTAL	:	0.08		0.02		0.12		1844 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/sys/posix/sys/select.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/core/sys/posix/sys/select.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (50%)	sys	0.02 (22%)	wall	1161 kB (73%)	ggc
phase parsing	:	0.03 (50%)	usr	0.01 (50%)	sys	0.04 (44%)	wall	117 kB (7%)	ggc
phase generate	:	0.03 (50%)	usr	0.00 (0%)	sys	0.02 (22%)	wall	310 kB (20%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (11%)	wall	0 kB (0%)	ggc
callgraph construction	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	5 kB (0%)	ggc
df scan insns	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (11%)	wall	0 kB (0%)	ggc
expand	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	33 kB (2%)	ggc
integrated RA	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (11%)	wall	122 kB (8%)	ggc
final	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	14 kB (1%)	ggc
Module::parse	:	0.02 (33%)	usr	0.01 (50%)	sys	0.02 (22%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (17%)	usr	0.00 (0%)	sys	0.01 (11%)	wall	27 kB (2%)	ggc
Module::genobjfile	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (11%)	wall	67 kB (4%)	ggc
TOTAL	:	0.06		0.02		0.09		1589 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/sys/posix/sys/socket.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/core/sys/posix/sys/socket.d
```

Execution times (seconds)

phase setup	:	0.01 (20%)	usr	0.01 (50%)	sys	0.02 (33%)	wall	1161 kB (84%)	ggc
phase parsing	:	0.03 (60%)	usr	0.00 (0%)	sys	0.04 (67%)	wall	126 kB (9%)	ggc
phase generate	:	0.01 (20%)	usr	0.01 (50%)	sys	0.00 (0%)	wall	93 kB (7%)	ggc
integrated RA	:	0.01 (20%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	36 kB (3%)	ggc
thread pro- & epilogue	:	0.00 (0%)	usr	0.01 (50%)	sys	0.00 (0%)	wall	4 kB (0%)	ggc
Module::parse	:	0.02 (40%)	usr	0.00 (0%)	sys	0.02 (33%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (20%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	22 kB (2%)	ggc
Module::genobjfile	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	80 kB (6%)	ggc
TOTAL	:	0.05		0.02		0.06		1381 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/sys/posix/sys/stat.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/core/sys/posix/sys/stat.d
```

Execution times (seconds)

phase setup	:	0.01 (14%) usr	0.01 (50%) sys	0.01 (13%) wall	1161 kB (71%) ggc
phase parsing	:	0.04 (57%) usr	0.00 (0%) sys	0.05 (62%) wall	124 kB (8%) ggc
phase generate	:	0.02 (29%) usr	0.01 (50%) sys	0.02 (25%) wall	341 kB (21%) ggc
CFG verifier	:	0.01 (14%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
integrated RA	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (12%) wall	147 kB (9%) ggc
rest of compilation	:	0.01 (14%) usr	0.00 (0%) sys	0.01 (13%) wall	29 kB (2%) ggc
unaccounted todo	:	0.00 (0%) usr	0.01 (50%) sys	0.00 (0%) wall	0 kB (0%) ggc
Module::parse	:	0.02 (29%) usr	0.00 (0%) sys	0.03 (38%) wall	0 kB (0%) ggc
Module::semantic	:	0.02 (29%) usr	0.00 (0%) sys	0.01 (12%) wall	30 kB (2%) ggc
Module::genobjfile	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (13%) wall	71 kB (4%) ggc
TOTAL	:	0.07	0.02	0.08	1627 kB

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/sys/posix/sys/wait.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/core/sys/posix/sys/wait.d
```

Execution times (seconds)

phase setup	:	0.00 (0%) usr	0.01 (50%) sys	0.03 (33%) wall	1161 kB (76%) ggc
phase parsing	:	0.04 (67%) usr	0.00 (0%) sys	0.03 (33%) wall	109 kB (7%) ggc
phase generate	:	0.02 (33%) usr	0.01 (50%) sys	0.02 (22%) wall	259 kB (17%) ggc
phase finalize	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (11%) wall	0 kB (0%) ggc
callgraph construction	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (11%) wall	5 kB (0%) ggc
integrated RA	:	0.00 (0%) usr	0.01 (50%) sys	0.00 (0%) wall	110 kB (7%) ggc
reload	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (11%) wall	2 kB (0%) ggc
rest of compilation	:	0.01 (17%) usr	0.00 (0%) sys	0.00 (0%) wall	22 kB (1%) ggc
unaccounted todo	:	0.01 (17%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
Module::parse	:	0.03 (50%) usr	0.00 (0%) sys	0.02 (22%) wall	0 kB (0%) ggc
Module::semantic	:	0.01 (17%) usr	0.00 (0%) sys	0.01 (11%) wall	27 kB (2%) ggc
TOTAL	:	0.06	0.02	0.09	1530 kB

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/sys/posix/sys/un.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/core/sys/posix/sys/un.d
```

Execution times (seconds)

phase setup	:	0.00 (0%) usr	0.01 (50%) sys	0.01 (17%) wall	1161 kB (92%) ggc
phase parsing	:	0.03 (100%) usr	0.01 (50%) sys	0.04 (67%) wall	76 kB (6%) ggc
phase finalize	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (17%) wall	0 kB (0%) ggc
Module::parse	:	0.02 (67%) usr	0.01 (50%) sys	0.02 (33%) wall	0 kB (0%) ggc
Module::semantic	:	0.01 (33%) usr	0.00 (0%) sys	0.02 (33%) wall	22 kB (2%) ggc
TOTAL	:	0.03	0.02	0.06	1267 kB

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/sys/posix/sys/utsname.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/core/sys/posix/sys/utsname.d
```

Execution times (seconds)

phase setup	:	0.00 (0%) usr	0.01 (50%) sys	0.02 (50%) wall	1161 kB (91%) ggc
phase parsing	:	0.01 (100%) usr	0.00 (0%) sys	0.01 (25%) wall	85 kB (7%) ggc
phase generate	:	0.00 (0%) usr	0.01 (50%) sys	0.01 (25%) wall	29 kB (2%) ggc
callgraph construction	:	0.00 (0%) usr	0.01 (50%) sys	0.01 (25%) wall	2 kB (0%) ggc
parser (global)	:	0.01 (100%) usr	0.00 (0%) sys	0.00 (0%) wall	21 kB (2%) ggc
Module::parse	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (25%) wall	0 kB (0%) ggc
TOTAL	:	0.01	0.02	0.04	1276 kB

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-
```

```
gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/sys/posix/netdb.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/core/sys/posix/netdb.d
```

Execution times (seconds)

phase setup	:	0.01 (17%)	usr	0.00 (0%)	sys	0.02 (29%)	wall	1161 kB (85%)	ggc
phase parsing	:	0.03 (50%)	usr	0.01 (100%)	sys	0.04 (57%)	wall	139 kB (10%)	ggc
phase generate	:	0.01 (17%)	usr	0.00 (0%)	sys	0.01 (14%)	wall	70 kB (5%)	ggc
phase finalize	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
tree gimplify	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (14%)	wall	4 kB (0%)	ggc
dominance computation	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::parse	:	0.02 (33%)	usr	0.01 (100%)	sys	0.03 (43%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (17%)	usr	0.00 (0%)	sys	0.01 (14%)	wall	28 kB (2%)	ggc
TOTAL	:	0.06		0.01		0.07		1371 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o object.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/object.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (8%)	sys	0.01 (1%)	wall	1161 kB (8%)	ggc
phase parsing	:	0.08 (8%)	usr	0.03 (23%)	sys	0.11 (9%)	wall	2103 kB (14%)	ggc
phase generate	:	0.92 (92%)	usr	0.09 (69%)	sys	1.04 (90%)	wall	11852 kB (78%)	ggc
garbage collection	:	0.04 (4%)	usr	0.00 (0%)	sys	0.05 (4%)	wall	0 kB (0%)	ggc
callgraph construction	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	291 kB (2%)	ggc
callgraph optimization	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	378 kB (3%)	ggc
cfg cleanup	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
CFG verifier	:	0.05 (5%)	usr	0.01 (8%)	sys	0.02 (2%)	wall	0 kB (0%)	ggc
trivially dead code	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
df scan insns	:	0.04 (4%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	21 kB (0%)	ggc
df live regs	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
df reg dead/unused notes	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	102 kB (1%)	ggc
parser (global)	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	21 kB (0%)	ggc
inline heuristics	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	87 kB (1%)	ggc
tree gimplify	:	0.03 (3%)	usr	0.00 (0%)	sys	0.03 (3%)	wall	1371 kB (9%)	ggc
tree CFG construction	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	566 kB (4%)	ggc
tree CFG cleanup	:	0.02 (2%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
tree find ref. vars	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	56 kB (0%)	ggc
tree SSA other	:	0.00 (0%)	usr	0.01 (8%)	sys	0.00 (0%)	wall	34 kB (0%)	ggc
tree operand scan	:	0.00 (0%)	usr	0.01 (8%)	sys	0.01 (1%)	wall	372 kB (2%)	ggc
tree SSA verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.02 (2%)	usr	0.00 (0%)	sys	0.04 (3%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.03 (3%)	usr	0.01 (8%)	sys	0.05 (4%)	wall	0 kB (0%)	ggc
dominance computation	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
out of ssa	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
expand vars	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	155 kB (1%)	ggc
expand	:	0.06 (6%)	usr	0.00 (0%)	sys	0.09 (8%)	wall	1905 kB (13%)	ggc
post expand cleanups	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	241 kB (2%)	ggc
integrated RA	:	0.11 (11%)	usr	0.01 (8%)	sys	0.21 (18%)	wall	3571 kB (24%)	ggc
reload	:	0.09 (9%)	usr	0.01 (8%)	sys	0.12 (10%)	wall	467 kB (3%)	ggc
thread pro- & epilogue	:	0.08 (8%)	usr	0.00 (0%)	sys	0.06 (5%)	wall	466 kB (3%)	ggc
final	:	0.13 (13%)	usr	0.02 (15%)	sys	0.07 (6%)	wall	460 kB (3%)	ggc
rest of compilation	:	0.07 (7%)	usr	0.00 (0%)	sys	0.11 (9%)	wall	870 kB (6%)	ggc
unaccounted todo	:	0.03 (3%)	usr	0.01 (8%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.03 (3%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
Module::parse	:	0.03 (3%)	usr	0.01 (8%)	sys	0.03 (3%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	23 kB (0%)	ggc
Module::semantic3	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.02 (2%)	usr	0.02 (15%)	sys	0.04 (3%)	wall	2046 kB (14%)	ggc
TOTAL	:	1.00		0.13		1.16		15116 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/aaA.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32
```

-c ../../../../gcc-4.8/libphobos/libdruntime/rt/aaA.d

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (25%)	sys	0.01 (4%)	wall	1161 kB (28%)	ggc
phase parsing	:	0.03 (14%)	usr	0.01 (25%)	sys	0.05 (19%)	wall	478 kB (11%)	ggc
phase generate	:	0.18 (86%)	usr	0.02 (50%)	sys	0.20 (77%)	wall	2573 kB (61%)	ggc
df live regs	:	0.01 (5%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
df reg dead/unused notes	:	0.01 (5%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	31 kB (1%)	ggc
register information	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (4%)	wall	0 kB (0%)	ggc
rebuild jump labels	:	0.01 (5%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
inline heuristics	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (4%)	wall	11 kB (0%)	ggc
tree gimplify	:	0.01 (5%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	365 kB (9%)	ggc
tree CFG construction	:	0.01 (5%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	134 kB (3%)	ggc
tree STMT verifier	:	0.03 (14%)	usr	0.00 (0%)	sys	0.02 (8%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.00 (0%)	usr	0.02 (50%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
out of ssa	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (8%)	wall	0 kB (0%)	ggc
expand	:	0.02 (10%)	usr	0.00 (0%)	sys	0.03 (12%)	wall	490 kB (12%)	ggc
post expand cleanups	:	0.01 (5%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	52 kB (1%)	ggc
integrated RA	:	0.03 (14%)	usr	0.00 (0%)	sys	0.01 (4%)	wall	586 kB (14%)	ggc
reload	:	0.01 (5%)	usr	0.00 (0%)	sys	0.02 (8%)	wall	141 kB (3%)	ggc
rest of compilation	:	0.03 (14%)	usr	0.00 (0%)	sys	0.05 (19%)	wall	141 kB (3%)	ggc
unaccounted todo	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (4%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (8%)	wall	0 kB (0%)	ggc
Module::parse	:	0.01 (5%)	usr	0.01 (25%)	sys	0.02 (8%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (5%)	usr	0.00 (0%)	sys	0.01 (4%)	wall	16 kB (0%)	ggc
Module::semantic3	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (4%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.01 (5%)	usr	0.00 (0%)	sys	0.01 (4%)	wall	438 kB (10%)	ggc
TOTAL	:	0.21		0.04		0.26		4213 kB	

/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/aApply.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/aApply.d

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (33%)	sys	0.01 (6%)	wall	1161 kB (37%)	ggc
phase parsing	:	0.02 (15%)	usr	0.00 (0%)	sys	0.02 (12%)	wall	295 kB (10%)	ggc
phase generate	:	0.11 (85%)	usr	0.02 (67%)	sys	0.13 (81%)	wall	1652 kB (53%)	ggc
df live regs	:	0.01 (8%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
df reg dead/unused notes	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	18 kB (1%)	ggc
tree gimplify	:	0.01 (8%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	225 kB (7%)	ggc
tree SSA other	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	2 kB (0%)	ggc
tree SSA verifier	:	0.01 (8%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	0 kB (0%)	ggc
out of ssa	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	0 kB (0%)	ggc
expand	:	0.01 (8%)	usr	0.01 (33%)	sys	0.02 (12%)	wall	288 kB (9%)	ggc
integrated RA	:	0.02 (15%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	324 kB (10%)	ggc
reload	:	0.02 (15%)	usr	0.00 (0%)	sys	0.02 (12%)	wall	111 kB (4%)	ggc
thread pro- & epilogue	:	0.01 (8%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	37 kB (1%)	ggc
final	:	0.01 (8%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	59 kB (2%)	ggc
rest of compilation	:	0.01 (8%)	usr	0.01 (33%)	sys	0.03 (19%)	wall	91 kB (3%)	ggc
Module::parse	:	0.01 (8%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	0 kB (0%)	ggc
Module::semantic3	:	0.01 (8%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	263 kB (8%)	ggc
TOTAL	:	0.13		0.03		0.16		3110 kB	

/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/aApplyR.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/aApplyR.d

Execution times (seconds)

phase setup	:	0.02 (12%)	usr	0.00 (0%)	sys	0.02 (11%)	wall	1161 kB (34%)	ggc
phase parsing	:	0.01 (6%)	usr	0.00 (0%)	sys	0.02 (11%)	wall	329 kB (10%)	ggc
phase generate	:	0.14 (82%)	usr	0.01 (100%)	sys	0.15 (79%)	wall	1899 kB (56%)	ggc
callgraph construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	29 kB (1%)	ggc

cfg cleanup	:	0.01 (6%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
CFG verifier	:	0.01 (6%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	0 kB (0%)	ggc
trivially dead code	:	0.01 (6%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
df scan insns	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	1 kB (0%)	ggc
rebuild jump labels	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	0 kB (0%)	ggc
tree operand scan	:	0.01 (6%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	61 kB (2%)	ggc
tree STMT verifier	:	0.01 (6%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
expand vars	:	0.01 (6%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	49 kB (1%)	ggc
expand	:	0.02 (12%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	333 kB (10%)	ggc
post expand cleanups	:	0.00 (0%)	usr	0.01 (100%)	sys	0.00 (0%)	wall	43 kB (1%)	ggc
integrated RA	:	0.03 (18%)	usr	0.00 (0%)	sys	0.02 (11%)	wall	327 kB (10%)	ggc
reload	:	0.01 (6%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	143 kB (4%)	ggc
thread pro- & epilogue	:	0.02 (12%)	usr	0.00 (0%)	sys	0.02 (11%)	wall	37 kB (1%)	ggc
final	:	0.00 (0%)	usr	0.00 (0%)	sys	0.04 (21%)	wall	66 kB (2%)	ggc
verify RTL sharing	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	0 kB (0%)	ggc
Module::parse	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	0 kB (0%)	ggc
Module::semantic3	:	0.01 (6%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	297 kB (9%)	ggc
TOTAL	:	0.17		0.01		0.19		3390 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/adi.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_Glibc -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././.././../gcc-4.8/libphobos/libdruntime/rt/adi.d
```

Execution times (seconds)

phase setup	:	0.01 (7%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	1161 kB (40%)	ggc
phase parsing	:	0.03 (20%)	usr	0.01 (100%)	sys	0.04 (24%)	wall	333 kB (11%)	ggc
phase generate	:	0.11 (73%)	usr	0.00 (0%)	sys	0.12 (71%)	wall	1410 kB (49%)	ggc
CFG verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (12%)	wall	0 kB (0%)	ggc
trivially dead code	:	0.01 (7%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
rebuild jump labels	:	0.01 (7%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
tree gimplify	:	0.01 (7%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	201 kB (7%)	ggc
tree operand scan	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	71 kB (2%)	ggc
tree SSA verifier	:	0.01 (7%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	0 kB (0%)	ggc
expand	:	0.01 (7%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	292 kB (10%)	ggc
integrated RA	:	0.03 (20%)	usr	0.00 (0%)	sys	0.02 (12%)	wall	295 kB (10%)	ggc
reload	:	0.01 (7%)	usr	0.00 (0%)	sys	0.02 (12%)	wall	93 kB (3%)	ggc
final	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (12%)	wall	41 kB (1%)	ggc
rest of compilation	:	0.01 (7%)	usr	0.00 (0%)	sys	0.02 (12%)	wall	87 kB (3%)	ggc
verify RTL sharing	:	0.01 (7%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::parse	:	0.02 (13%)	usr	0.00 (0%)	sys	0.02 (12%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (7%)	usr	0.00 (0%)	sys	0.02 (12%)	wall	12 kB (0%)	ggc
Module::genobjfile	:	0.00 (0%)	usr	0.01 (100%)	sys	0.00 (0%)	wall	289 kB (10%)	ggc
TOTAL	:	0.15		0.01		0.17		2906 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/arrayassign.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_Glibc -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././.././../gcc-4.8/libphobos/libdruntime/rt/arrayassign.d
```

Execution times (seconds)

phase setup	:	0.01 (11%)	usr	0.00 (0%)	sys	0.02 (18%)	wall	1161 kB (56%)	ggc
phase parsing	:	0.03 (33%)	usr	0.01 (50%)	sys	0.03 (27%)	wall	146 kB (7%)	ggc
phase generate	:	0.05 (56%)	usr	0.01 (50%)	sys	0.06 (55%)	wall	764 kB (37%)	ggc
df scan insns	:	0.01 (11%)	usr	0.00 (0%)	sys	0.01 (9%)	wall	0 kB (0%)	ggc
tree SSA other	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (9%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.00 (0%)	usr	0.01 (50%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
expand	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (9%)	wall	152 kB (7%)	ggc
integrated RA	:	0.01 (11%)	usr	0.00 (0%)	sys	0.01 (9%)	wall	166 kB (8%)	ggc
reload	:	0.01 (11%)	usr	0.00 (0%)	sys	0.01 (9%)	wall	72 kB (3%)	ggc
thread pro- & epilogue	:	0.01 (11%)	usr	0.00 (0%)	sys	0.01 (9%)	wall	11 kB (1%)	ggc
final	:	0.01 (11%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	16 kB (1%)	ggc
Module::parse	:	0.01 (11%)	usr	0.01 (50%)	sys	0.01 (9%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (11%)	usr	0.00 (0%)	sys	0.01 (9%)	wall	12 kB (1%)	ggc

```
Module::genobjfile      : 0.01 (11%) usr 0.00 ( 0%) sys 0.01 ( 9%) wall 112 kB ( 5%) ggc
TOTAL                   : 0.09          0.02          0.11          2072 kB
```

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/arraybyte.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../././././././gcc-4.8/libphobos/libdruntime/rt/arraybyte.d
```

Execution times (seconds)

```
phase setup      : 0.01 ( 7%) usr 0.00 ( 0%) sys 0.02 (12%) wall 1161 kB (39%) ggc
phase parsing    : 0.02 (14%) usr 0.01 (50%) sys 0.01 ( 6%) wall 247 kB ( 8%) ggc
phase generate   : 0.11 (79%) usr 0.01 (50%) sys 0.13 (76%) wall 1548 kB (52%) ggc
phase finalize   : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 ( 6%) wall 0 kB ( 0%) ggc
callgraph optimization : 0.01 ( 7%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 54 kB ( 2%) ggc
CFG verifier     : 0.01 ( 7%) usr 0.00 ( 0%) sys 0.02 (12%) wall 0 kB ( 0%) ggc
parser (global)  : 0.01 ( 7%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 21 kB ( 1%) ggc
tree gimplify    : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 ( 6%) wall 132 kB ( 4%) ggc
tree CFG cleanup : 0.00 ( 0%) usr 0.01 (50%) sys 0.00 ( 0%) wall 0 kB ( 0%) ggc
out of ssa       : 0.01 ( 7%) usr 0.00 ( 0%) sys 0.01 ( 6%) wall 0 kB ( 0%) ggc
expand           : 0.01 ( 7%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 231 kB ( 8%) ggc
integrated RA    : 0.02 (14%) usr 0.00 ( 0%) sys 0.06 (35%) wall 487 kB (16%) ggc
thread pro- & epilogue : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.02 (12%) wall 63 kB ( 2%) ggc
final            : 0.01 ( 7%) usr 0.00 ( 0%) sys 0.01 ( 6%) wall 56 kB ( 2%) ggc
rest of compilation : 0.01 ( 7%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 160 kB ( 5%) ggc
unaccounted todo : 0.01 ( 7%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 0 kB ( 0%) ggc
verify RTL sharing : 0.02 (14%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 0 kB ( 0%) ggc
Module::parse    : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 ( 6%) wall 0 kB ( 0%) ggc
Module::semantic2 : 0.01 ( 7%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 0 kB ( 0%) ggc
Module::genobjfile : 0.00 ( 0%) usr 0.01 (50%) sys 0.00 ( 0%) wall 215 kB ( 7%) ggc
TOTAL            : 0.14          0.02          0.17          2957 kB
```

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/arraycast.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../././././././gcc-4.8/libphobos/libdruntime/rt/arraycast.d
```

Execution times (seconds)

```
phase setup      : 0.01 (50%) usr 0.00 ( 0%) sys 0.02 (50%) wall 1161 kB (87%) ggc
phase parsing    : 0.00 ( 0%) usr 0.01 (100%) sys 0.01 (25%) wall 71 kB ( 5%) ggc
phase generate   : 0.01 (50%) usr 0.00 ( 0%) sys 0.01 (25%) wall 98 kB ( 7%) ggc
integrated RA    : 0.01 (50%) usr 0.00 ( 0%) sys 0.01 (25%) wall 37 kB ( 3%) ggc
Module::parse    : 0.00 ( 0%) usr 0.01 (100%) sys 0.01 (25%) wall 0 kB ( 0%) ggc
TOTAL            : 0.02          0.01          0.04          1331 kB
```

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/arraycat.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../././././././gcc-4.8/libphobos/libdruntime/rt/arraycat.d
```

Execution times (seconds)

```
phase setup      : 0.01 (33%) usr 0.00 ( 0%) sys 0.01 (33%) wall 1161 kB (85%) ggc
phase parsing    : 0.01 (33%) usr 0.00 ( 0%) sys 0.01 (33%) wall 75 kB ( 5%) ggc
phase generate   : 0.01 (33%) usr 0.00 ( 0%) sys 0.01 (33%) wall 133 kB (10%) ggc
integrated RA    : 0.01 (33%) usr 0.00 ( 0%) sys 0.01 (33%) wall 37 kB ( 3%) ggc
Module::semantic : 0.01 (33%) usr 0.00 ( 0%) sys 0.01 (33%) wall 9 kB ( 1%) ggc
TOTAL            : 0.03          0.00          0.03          1370 kB
```

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/arraydouble.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32
```

-c ../../../../gcc-4.8/libphobos/libdruntime/rt/arraydouble.d

Execution times (seconds)

phase setup	:	0.00 (0%) usr	0.01 (50%) sys	0.02 (12%) wall	1161 kB (38%) ggc
phase parsing	:	0.02 (14%) usr	0.00 (0%) sys	0.02 (12%) wall	249 kB (8%) ggc
phase generate	:	0.12 (86%) usr	0.01 (50%) sys	0.13 (76%) wall	1676 kB (54%) ggc
trivially dead code	:	0.02 (14%) usr	0.00 (0%) sys	0.01 (6%) wall	0 kB (0%) ggc
df scan insns	:	0.01 (7%) usr	0.00 (0%) sys	0.00 (0%) wall	2 kB (0%) ggc
tree gimplify	:	0.01 (7%) usr	0.00 (0%) sys	0.00 (0%) wall	190 kB (6%) ggc
tree SSA verifier	:	0.01 (7%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
dominance computation	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (6%) wall	0 kB (0%) ggc
expand	:	0.01 (7%) usr	0.01 (50%) sys	0.00 (0%) wall	262 kB (9%) ggc
integrated RA	:	0.02 (14%) usr	0.00 (0%) sys	0.03 (18%) wall	454 kB (15%) ggc
reload	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (6%) wall	79 kB (3%) ggc
final	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (6%) wall	55 kB (2%) ggc
rest of compilation	:	0.04 (29%) usr	0.00 (0%) sys	0.05 (29%) wall	141 kB (5%) ggc
unaccounted todo	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (6%) wall	0 kB (0%) ggc
Module::parse	:	0.02 (14%) usr	0.00 (0%) sys	0.01 (6%) wall	0 kB (0%) ggc
Module::semantic3	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (6%) wall	0 kB (0%) ggc
TOTAL	:	0.14	0.02	0.17	3087 kB

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/arrayfloat.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdPRECATED -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/arrayfloat.d

Execution times (seconds)

phase setup	:	0.01 (8%) usr	0.00 (0%) sys	0.02 (12%) wall	1161 kB (38%) ggc
phase parsing	:	0.01 (8%) usr	0.02 (50%) sys	0.03 (18%) wall	309 kB (10%) ggc
phase generate	:	0.10 (83%) usr	0.02 (50%) sys	0.12 (71%) wall	1612 kB (52%) ggc
callgraph optimization	:	0.00 (0%) usr	0.01 (25%) sys	0.00 (0%) wall	35 kB (1%) ggc
df scan insns	:	0.01 (8%) usr	0.00 (0%) sys	0.00 (0%) wall	2 kB (0%) ggc
tree CFG cleanup	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (6%) wall	0 kB (0%) ggc
callgraph verifier	:	0.01 (8%) usr	0.00 (0%) sys	0.01 (6%) wall	0 kB (0%) ggc
expand	:	0.02 (17%) usr	0.00 (0%) sys	0.01 (6%) wall	228 kB (7%) ggc
post expand cleanups	:	0.01 (8%) usr	0.00 (0%) sys	0.00 (0%) wall	34 kB (1%) ggc
integrated RA	:	0.02 (17%) usr	0.00 (0%) sys	0.03 (18%) wall	427 kB (14%) ggc
reload	:	0.00 (0%) usr	0.00 (0%) sys	0.05 (29%) wall	66 kB (2%) ggc
thread pro- & epilogue	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (6%) wall	48 kB (2%) ggc
reg stack	:	0.01 (8%) usr	0.00 (0%) sys	0.00 (0%) wall	36 kB (1%) ggc
final	:	0.01 (8%) usr	0.00 (0%) sys	0.00 (0%) wall	53 kB (2%) ggc
rest of compilation	:	0.01 (8%) usr	0.00 (0%) sys	0.00 (0%) wall	132 kB (4%) ggc
verify RTL sharing	:	0.00 (0%) usr	0.01 (25%) sys	0.00 (0%) wall	0 kB (0%) ggc
Module::parse	:	0.01 (8%) usr	0.01 (25%) sys	0.02 (12%) wall	0 kB (0%) ggc
Module::semantic3	:	0.00 (0%) usr	0.01 (25%) sys	0.00 (0%) wall	0 kB (0%) ggc
Module::genobjfile	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (6%) wall	275 kB (9%) ggc
TOTAL	:	0.12	0.04	0.17	3084 kB

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/arrayint.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdPRECATED -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/arrayint.d

Execution times (seconds)

phase setup	:	0.00 (0%) usr	0.01 (25%) sys	0.02 (10%) wall	1161 kB (32%) ggc
phase parsing	:	0.02 (12%) usr	0.00 (0%) sys	0.02 (10%) wall	297 kB (8%) ggc
phase generate	:	0.14 (88%) usr	0.03 (75%) sys	0.16 (76%) wall	2148 kB (60%) ggc
phase finalize	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (5%) wall	0 kB (0%) ggc
CFG verifier	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (5%) wall	0 kB (0%) ggc
df scan insns	:	0.02 (12%) usr	0.00 (0%) sys	0.00 (0%) wall	4 kB (0%) ggc
register information	:	0.01 (6%) usr	0.00 (0%) sys	0.01 (5%) wall	0 kB (0%) ggc
tree CFG construction	:	0.00 (0%) usr	0.01 (25%) sys	0.00 (0%) wall	96 kB (3%) ggc
tree SSA other	:	0.01 (6%) usr	0.00 (0%) sys	0.01 (5%) wall	7 kB (0%) ggc
callgraph verifier	:	0.01 (6%) usr	0.00 (0%) sys	0.01 (5%) wall	0 kB (0%) ggc
expand	:	0.02 (13%) usr	0.00 (0%) sys	0.01 (5%) wall	306 kB (8%) ggc
integrated RA	:	0.02 (13%) usr	0.01 (25%) sys	0.05 (24%) wall	687 kB (19%) ggc

```

reload                : 0.02 (13%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 83 kB ( 2%) gcc
thread pro- & epilogue : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 ( 5%) wall 90 kB ( 2%) gcc
final                 : 0.01 ( 6%) usr 0.00 ( 0%) sys 0.03 (14%) wall 79 kB ( 2%) gcc
rest of compilation   : 0.02 (12%) usr 0.01 (25%) sys 0.02 (10%) wall 230 kB ( 6%) gcc
Module::parse         : 0.02 (12%) usr 0.00 ( 0%) sys 0.01 ( 5%) wall 0 kB ( 0%) gcc
Module::genobjfile    : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 ( 5%) wall 265 kB ( 7%) gcc
TOTAL                 : 0.16          0.04          0.21          3607 kB

```

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/arrayreal.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././.././../gcc-4.8/libphobos/libdruntime/rt/arrayreal.d

```

Execution times (seconds)

```

phase setup           : 0.01 (17%) usr 0.00 ( 0%) sys 0.02 (22%) wall 1161 kB (64%) gcc
phase parsing         : 0.01 (17%) usr 0.01 (50%) sys 0.01 (11%) wall 88 kB ( 5%) gcc
phase generate        : 0.04 (67%) usr 0.01 (50%) sys 0.05 (56%) wall 564 kB (31%) gcc
phase finalize        : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (11%) wall 0 kB ( 0%) gcc
callgraph optimization : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (11%) wall 11 kB ( 1%) gcc
tree SSA verifier     : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (11%) wall 0 kB ( 0%) gcc
integrated RA         : 0.02 (33%) usr 0.01 (50%) sys 0.01 (11%) wall 125 kB ( 7%) gcc
thread pro- & epilogue : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (11%) wall 14 kB ( 1%) gcc
final                 : 0.02 (33%) usr 0.00 ( 0%) sys 0.01 (11%) wall 20 kB ( 1%) gcc
Module::parse         : 0.00 ( 0%) usr 0.01 (50%) sys 0.00 ( 0%) wall 0 kB ( 0%) gcc
Module::semantic      : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (11%) wall 10 kB ( 1%) gcc
Module::genobjfile    : 0.01 (17%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 55 kB ( 3%) gcc
TOTAL                 : 0.06          0.02          0.09          1814 kB

```

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/arrayshort.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././.././../gcc-4.8/libphobos/libdruntime/rt/arrayshort.d

```

Execution times (seconds)

```

phase setup           : 0.01 ( 6%) usr 0.00 ( 0%) sys 0.02 (10%) wall 1161 kB (32%) gcc
phase parsing         : 0.01 ( 6%) usr 0.01 (25%) sys 0.02 (10%) wall 301 kB ( 8%) gcc
phase generate        : 0.15 (88%) usr 0.03 (75%) sys 0.17 (81%) wall 2190 kB (60%) gcc
callgraph optimization : 0.00 ( 0%) usr 0.01 (25%) sys 0.00 ( 0%) wall 77 kB ( 2%) gcc
cfg construction      : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 ( 5%) wall 5 kB ( 0%) gcc
cfg cleanup           : 0.00 ( 0%) usr 0.01 (25%) sys 0.00 ( 0%) wall 0 kB ( 0%) gcc
trivially dead code   : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 ( 5%) wall 0 kB ( 0%) gcc
df scan insns         : 0.01 ( 6%) usr 0.00 ( 0%) sys 0.01 ( 5%) wall 4 kB ( 0%) gcc
tree gimplify         : 0.01 ( 6%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 187 kB ( 5%) gcc
tree eh               : 0.02 (12%) usr 0.00 ( 0%) sys 0.01 ( 5%) wall 26 kB ( 1%) gcc
tree operand scan     : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 ( 5%) wall 81 kB ( 2%) gcc
expand                : 0.04 (24%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 325 kB ( 9%) gcc
post expand cleanups   : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 ( 5%) wall 57 kB ( 2%) gcc
integrated RA         : 0.01 ( 6%) usr 0.00 ( 0%) sys 0.04 (19%) wall 687 kB (19%) gcc
reload                : 0.02 (12%) usr 0.00 ( 0%) sys 0.02 (10%) wall 85 kB ( 2%) gcc
thread pro- & epilogue : 0.00 ( 0%) usr 0.01 (25%) sys 0.01 ( 5%) wall 90 kB ( 2%) gcc
final                 : 0.01 ( 6%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 80 kB ( 2%) gcc
rest of compilation   : 0.01 ( 6%) usr 0.00 ( 0%) sys 0.03 (14%) wall 229 kB ( 6%) gcc
unaccounted todo      : 0.01 ( 6%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 0 kB ( 0%) gcc
verify RTL sharing    : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 ( 5%) wall 0 kB ( 0%) gcc
Module::parse         : 0.01 ( 6%) usr 0.01 (25%) sys 0.01 ( 5%) wall 0 kB ( 0%) gcc
Module::genobjfile    : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 ( 5%) wall 268 kB ( 7%) gcc
TOTAL                 : 0.17          0.04          0.21          3652 kB

```

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/cast.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././.././../gcc-4.8/libphobos/libdruntime/rt/cast.d

```

Execution times (seconds)

phase setup	:	0.01 (20%) usr	0.00 (0%) sys	0.03 (33%) wall	1161 kB (61%) ggc
phase parsing	:	0.01 (20%) usr	0.01 (50%) sys	0.01 (11%) wall	117 kB (6%) ggc
phase generate	:	0.03 (60%) usr	0.01 (50%) sys	0.05 (56%) wall	628 kB (33%) ggc
callgraph optimization	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (11%) wall	13 kB (1%) ggc
expand	:	0.01 (20%) usr	0.01 (50%) sys	0.00 (0%) wall	103 kB (5%) ggc
integrated RA	:	0.00 (0%) usr	0.00 (0%) sys	0.03 (33%) wall	188 kB (10%) ggc
reload	:	0.01 (20%) usr	0.00 (0%) sys	0.00 (0%) wall	34 kB (2%) ggc
final	:	0.01 (20%) usr	0.00 (0%) sys	0.01 (11%) wall	22 kB (1%) ggc
Module::parse	:	0.01 (20%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
Module::semantic	:	0.00 (0%) usr	0.01 (50%) sys	0.00 (0%) wall	9 kB (1%) ggc
Module::genobjfile	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (11%) wall	85 kB (4%) ggc
TOTAL	:	0.05	0.02	0.09	1907 kB

```
/home/iain/src/gdc/build48/objdir/.gcc/gdc -B/home/iain/src/gdc/build48/objdir/.gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/critical.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././.././../gcc-4.8/libphobos/libdruntime/rt/critical.d
```

Execution times (seconds)

phase setup	:	0.01 (14%) usr	0.01 (100%) sys	0.01 (12%) wall	1161 kB (79%) ggc
phase parsing	:	0.05 (71%) usr	0.00 (0%) sys	0.05 (63%) wall	112 kB (8%) ggc
phase generate	:	0.01 (14%) usr	0.00 (0%) sys	0.02 (25%) wall	195 kB (13%) ggc
final	:	0.00 (0%) usr	0.00 (0%) sys	0.02 (25%) wall	8 kB (1%) ggc
verify RTL sharing	:	0.01 (14%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
Module::parse	:	0.03 (43%) usr	0.00 (0%) sys	0.03 (38%) wall	0 kB (0%) ggc
Module::semantic	:	0.01 (14%) usr	0.00 (0%) sys	0.01 (12%) wall	29 kB (2%) ggc
Module::semantic3	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (13%) wall	0 kB (0%) ggc
Module::genobjfile	:	0.01 (14%) usr	0.00 (0%) sys	0.00 (0%) wall	59 kB (4%) ggc
TOTAL	:	0.07	0.01	0.08	1469 kB

```
/home/iain/src/gdc/build48/objdir/.gcc/gdc -B/home/iain/src/gdc/build48/objdir/.gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/dmain2.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././.././../gcc-4.8/libphobos/libdruntime/rt/dmain2.d
```

Execution times (seconds)

phase setup	:	0.02 (11%) usr	0.00 (0%) sys	0.03 (12%) wall	1161 kB (37%) ggc
phase parsing	:	0.04 (22%) usr	0.01 (50%) sys	0.08 (32%) wall	344 kB (11%) ggc
phase generate	:	0.12 (67%) usr	0.01 (50%) sys	0.13 (52%) wall	1637 kB (52%) ggc
phase finalize	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (4%) wall	0 kB (0%) ggc
CFG verifier	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (4%) wall	0 kB (0%) ggc
df scan insns	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (4%) wall	3 kB (0%) ggc
tree operand scan	:	0.01 (6%) usr	0.00 (0%) sys	0.00 (0%) wall	39 kB (1%) ggc
tree SSA verifier	:	0.01 (6%) usr	0.00 (0%) sys	0.01 (4%) wall	0 kB (0%) ggc
tree STMT verifier	:	0.01 (6%) usr	0.00 (0%) sys	0.01 (4%) wall	0 kB (0%) ggc
callgraph verifier	:	0.01 (6%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
expand vars	:	0.01 (6%) usr	0.00 (0%) sys	0.00 (0%) wall	18 kB (1%) ggc
expand	:	0.00 (0%) usr	0.01 (50%) sys	0.01 (4%) wall	241 kB (8%) ggc
post expand cleanups	:	0.01 (6%) usr	0.00 (0%) sys	0.00 (0%) wall	49 kB (2%) ggc
integrated RA	:	0.01 (6%) usr	0.00 (0%) sys	0.03 (12%) wall	519 kB (17%) ggc
reload	:	0.01 (6%) usr	0.00 (0%) sys	0.01 (4%) wall	55 kB (2%) ggc
thread pro- & epilogue	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (4%) wall	72 kB (2%) ggc
final	:	0.01 (6%) usr	0.00 (0%) sys	0.01 (4%) wall	66 kB (2%) ggc
rest of compilation	:	0.02 (11%) usr	0.00 (0%) sys	0.02 (8%) wall	144 kB (5%) ggc
verify RTL sharing	:	0.01 (6%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
Module::parse	:	0.01 (6%) usr	0.01 (50%) sys	0.04 (16%) wall	0 kB (0%) ggc
Module::semantic	:	0.02 (11%) usr	0.00 (0%) sys	0.03 (12%) wall	20 kB (1%) ggc
Module::genobjfile	:	0.01 (6%) usr	0.00 (0%) sys	0.01 (4%) wall	301 kB (10%) ggc
TOTAL	:	0.18	0.02	0.25	3144 kB

```
/home/iain/src/gdc/build48/objdir/.gcc/gdc -B/home/iain/src/gdc/build48/objdir/.gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/minfo.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe
```

```
-fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32
-c ../../../../gcc-4.8/libphobos/libdruntime/rt/minfo.d
```

Execution times (seconds)

phase setup	:	0.02 (9%)	usr	0.00 (0%)	sys	0.02 (8%)	wall	1161 kB (32%)	ggc
phase parsing	:	0.04 (18%)	usr	0.00 (0%)	sys	0.05 (19%)	wall	419 kB (11%)	ggc
phase generate	:	0.16 (73%)	usr	0.02 (100%)	sys	0.18 (69%)	wall	2095 kB (57%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (4%)	wall	0 kB (0%)	ggc
callgraph construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (4%)	wall	39 kB (1%)	ggc
cfg cleanup	:	0.01 (5%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
trivially dead code	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (4%)	wall	0 kB (0%)	ggc
df live regs	:	0.01 (5%)	usr	0.00 (0%)	sys	0.01 (4%)	wall	0 kB (0%)	ggc
register information	:	0.01 (5%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
tree CFG construction	:	0.00 (0%)	usr	0.01 (50%)	sys	0.00 (0%)	wall	114 kB (3%)	ggc
tree SSA verifier	:	0.01 (5%)	usr	0.00 (0%)	sys	0.01 (4%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.02 (9%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (4%)	wall	0 kB (0%)	ggc
expand	:	0.00 (0%)	usr	0.00 (0%)	sys	0.03 (12%)	wall	363 kB (10%)	ggc
integrated RA	:	0.05 (23%)	usr	0.00 (0%)	sys	0.03 (12%)	wall	518 kB (14%)	ggc
reload	:	0.01 (5%)	usr	0.00 (0%)	sys	0.03 (12%)	wall	119 kB (3%)	ggc
thread pro- & epilogue	:	0.02 (9%)	usr	0.01 (50%)	sys	0.01 (4%)	wall	63 kB (2%)	ggc
final	:	0.01 (5%)	usr	0.00 (0%)	sys	0.01 (4%)	wall	82 kB (2%)	ggc
unaccounted todo	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (8%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.01 (5%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::parse	:	0.02 (9%)	usr	0.00 (0%)	sys	0.03 (12%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.02 (9%)	usr	0.00 (0%)	sys	0.02 (8%)	wall	21 kB (1%)	ggc
TOTAL	:	0.22		0.02		0.26		3677 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/memory.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/memory.d
```

Execution times (seconds)

phase setup	:	0.01 (25%)	usr	0.00 (0%)	sys	0.02 (33%)	wall	1161 kB (88%)	ggc
phase parsing	:	0.03 (75%)	usr	0.01 (100%)	sys	0.03 (50%)	wall	52 kB (4%)	ggc
phase generate	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	112 kB (8%)	ggc
reload	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	0 kB (0%)	ggc
Module::parse	:	0.02 (50%)	usr	0.00 (0%)	sys	0.02 (33%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.00 (0%)	usr	0.01 (100%)	sys	0.00 (0%)	wall	9 kB (1%)	ggc
Module::genobjfile	:	0.01 (25%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	20 kB (2%)	ggc
TOTAL	:	0.04		0.01		0.06		1326 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/invariant.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/invariant.d
```

Execution times (seconds)

phase setup	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	1161 kB (89%)	ggc
phase parsing	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	62 kB (5%)	ggc
phase generate	:	0.00 (0%)	usr	0.01 (100%)	sys	0.01 (33%)	wall	74 kB (6%)	ggc
integrated RA	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	25 kB (2%)	ggc
thread pro- & epilogue	:	0.00 (0%)	usr	0.01 (100%)	sys	0.00 (0%)	wall	3 kB (0%)	ggc
Module::semantic	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	9 kB (1%)	ggc
TOTAL	:	0.02		0.01		0.03		1299 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/invariant.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/invariant.d
```

Execution times (seconds)

phase setup	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	1161 kB (89%)	ggc
phase parsing	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	62 kB (5%)	ggc
phase generate	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	74 kB (6%)	ggc
expand	:	0.01 (50%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	9 kB (1%)	ggc
integrated RA	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	25 kB (2%)	ggc
Module::parse	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	0 kB (0%)	ggc
TOTAL	:	0.02		0.00		0.03		1299 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/lifetime.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_Glibc -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././.././../gcc-4.8/libphobos/libdruntime/rt/lifetime.d
```

Execution times (seconds)

phase setup	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	1161 kB (14%)	ggc
phase parsing	:	0.05 (10%)	usr	0.01 (25%)	sys	0.06 (10%)	wall	1064 kB (13%)	ggc
phase generate	:	0.46 (88%)	usr	0.03 (75%)	sys	0.50 (86%)	wall	5881 kB (73%)	ggc
garbage collection	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
callgraph construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	115 kB (1%)	ggc
callgraph optimization	:	0.01 (2%)	usr	0.01 (25%)	sys	0.00 (0%)	wall	83 kB (1%)	ggc
cfg cleanup	:	0.00 (0%)	usr	0.01 (25%)	sys	0.01 (2%)	wall	1 kB (0%)	ggc
CFG verifier	:	0.04 (8%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
trivially dead code	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	0 kB (0%)	ggc
df scan insns	:	0.02 (4%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	4 kB (0%)	ggc
df live regs	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
register information	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
alias analysis	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	38 kB (0%)	ggc
rebuild jump labels	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
inline heuristics	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	23 kB (0%)	ggc
tree gimplify	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	807 kB (10%)	ggc
tree CFG construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	324 kB (4%)	ggc
tree CFG cleanup	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	5 kB (0%)	ggc
tree SSA rewrite	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	143 kB (2%)	ggc
tree operand scan	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	240 kB (3%)	ggc
tree SSA verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.02 (4%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
out of ssa	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	0 kB (0%)	ggc
expand	:	0.04 (8%)	usr	0.00 (0%)	sys	0.06 (10%)	wall	1218 kB (15%)	ggc
post expand cleanups	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	137 kB (2%)	ggc
integrated RA	:	0.05 (10%)	usr	0.00 (0%)	sys	0.07 (12%)	wall	1289 kB (16%)	ggc
reload	:	0.07 (13%)	usr	0.01 (25%)	sys	0.05 (9%)	wall	372 kB (5%)	ggc
thread pro- & epilogue	:	0.04 (8%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	96 kB (1%)	ggc
final	:	0.03 (6%)	usr	0.00 (0%)	sys	0.03 (5%)	wall	146 kB (2%)	ggc
rest of compilation	:	0.03 (6%)	usr	0.00 (0%)	sys	0.05 (9%)	wall	321 kB (4%)	ggc
unaccounted todo	:	0.02 (4%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.02 (4%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
Module::parse	:	0.02 (4%)	usr	0.01 (25%)	sys	0.02 (3%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	13 kB (0%)	ggc
Module::semantic3	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	1026 kB (13%)	ggc
TOTAL	:	0.52		0.04		0.58		8107 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/monitor.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_Glibc -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././.././../gcc-4.8/libphobos/libdruntime/rt/monitor.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (50%)	sys	0.02 (20%)	wall	1161 kB (69%)	ggc
phase parsing	:	0.05 (62%)	usr	0.00 (0%)	sys	0.05 (50%)	wall	136 kB (8%)	ggc
phase generate	:	0.03 (38%)	usr	0.01 (50%)	sys	0.03 (30%)	wall	383 kB (23%)	ggc
df scan insns	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	0 kB (0%)	ggc
tree gimplify	:	0.01 (12%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	36 kB (2%)	ggc
tree STMT verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	0 kB (0%)	ggc

reload	:	0.00 (0%)	usr	0.01 (50%)	sys	0.00 (0%)	wall	6 kB (0%)	ggc
final	:	0.01 (12%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	17 kB (1%)	ggc
rest of compilation	:	0.01 (13%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	27 kB (2%)	ggc
Module::parse	:	0.03 (38%)	usr	0.00 (0%)	sys	0.03 (30%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.02 (25%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	29 kB (2%)	ggc
Module::genobjfile	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	83 kB (5%)	ggc
TOTAL	:	0.08		0.02		0.10		1681 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/obj.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././.././../gcc-4.8/libphobos/libdruntime/rt/obj.d
```

Execution times (seconds)

phase setup	:	0.01 (33%)	usr	0.01 (100%)	sys	0.02 (50%)	wall	1161 kB (88%)	ggc
phase parsing	:	0.01 (33%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	48 kB (4%)	ggc
phase generate	:	0.01 (33%)	usr	0.00 (0%)	sys	0.02 (50%)	wall	104 kB (8%)	ggc
tree SSA verifier	:	0.01 (33%)	usr	0.00 (0%)	sys	0.02 (50%)	wall	0 kB (0%)	ggc
Module::parse	:	0.01 (33%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
TOTAL	:	0.03		0.01		0.04		1314 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/qsort.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././.././../gcc-4.8/libphobos/libdruntime/rt/qsort.d
```

Execution times (seconds)

phase setup	:	0.02 (29%)	usr	0.00 (0%)	sys	0.02 (20%)	wall	1161 kB (64%)	ggc
phase parsing	:	0.02 (29%)	usr	0.01 (50%)	sys	0.03 (30%)	wall	121 kB (7%)	ggc
phase generate	:	0.03 (43%)	usr	0.01 (50%)	sys	0.04 (40%)	wall	532 kB (29%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	0 kB (0%)	ggc
callgraph construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	10 kB (1%)	ggc
tree find ref. vars	:	0.01 (14%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	6 kB (0%)	ggc
integrated RA	:	0.01 (14%)	usr	0.00 (0%)	sys	0.02 (20%)	wall	115 kB (6%)	ggc
reload	:	0.01 (14%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	51 kB (3%)	ggc
final	:	0.00 (0%)	usr	0.01 (50%)	sys	0.00 (0%)	wall	10 kB (1%)	ggc
rest of compilation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	22 kB (1%)	ggc
Module::parse	:	0.01 (14%)	usr	0.00 (0%)	sys	0.02 (20%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (14%)	usr	0.01 (50%)	sys	0.01 (10%)	wall	12 kB (1%)	ggc
TOTAL	:	0.07		0.02		0.10		1815 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/switch.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././.././../gcc-4.8/libphobos/libdruntime/rt/switch.d
```

Execution times (seconds)

phase setup	:	0.01 (8%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	1161 kB (43%)	ggc
phase parsing	:	0.01 (8%)	usr	0.01 (100%)	sys	0.01 (7%)	wall	206 kB (8%)	ggc
phase generate	:	0.10 (83%)	usr	0.00 (0%)	sys	0.11 (79%)	wall	1315 kB (49%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	0 kB (0%)	ggc
df scan insns	:	0.01 (8%)	usr	0.00 (0%)	sys	0.02 (14%)	wall	0 kB (0%)	ggc
alias analysis	:	0.01 (8%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	8 kB (0%)	ggc
parser (global)	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	21 kB (1%)	ggc
tree gimplify	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	264 kB (10%)	ggc
tree CFG cleanup	:	0.01 (8%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.01 (8%)	usr	0.00 (0%)	sys	0.02 (14%)	wall	0 kB (0%)	ggc
out of ssa	:	0.01 (8%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	0 kB (0%)	ggc
integrated RA	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	173 kB (6%)	ggc
reload	:	0.02 (17%)	usr	0.00 (0%)	sys	0.02 (14%)	wall	102 kB (4%)	ggc
thread pro- & epilogue	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	10 kB (0%)	ggc
final	:	0.01 (8%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	39 kB (1%)	ggc
rest of compilation	:	0.01 (8%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	83 kB (3%)	ggc


```

unaccounted todo      : 0.01 ( 8%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 0 kB ( 0%) ggc
verify RTL sharing    : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 ( 7%) wall 0 kB ( 0%) ggc
Module::semantic      : 0.00 ( 0%) usr 0.01 (100%) sys 0.00 ( 0%) wall 9 kB ( 0%) ggc
Module::genobjfile    : 0.01 ( 8%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 175 kB ( 7%) ggc
TOTAL                 : 0.12 0.01 0.14 2684 kB

```

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/tlsgc.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/rt/tlsgc.d

```

Execution times (seconds)

```

phase setup           : 0.01 (17%) usr 0.00 ( 0%) sys 0.01 (17%) wall 1161 kB (84%) ggc
phase parsing          : 0.03 (50%) usr 0.01 (100%) sys 0.04 (67%) wall 85 kB ( 6%) ggc
phase generate         : 0.01 (17%) usr 0.00 ( 0%) sys 0.01 (17%) wall 141 kB (10%) ggc
phase finalize        : 0.01 (17%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 0 kB ( 0%) ggc
trivially dead code   : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (17%) wall 0 kB ( 0%) ggc
integrated RA         : 0.01 (17%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 61 kB ( 4%) ggc
Module::parse         : 0.02 (33%) usr 0.01 (100%) sys 0.02 (33%) wall 0 kB ( 0%) ggc
Module::semantic      : 0.01 (17%) usr 0.00 ( 0%) sys 0.02 (33%) wall 13 kB ( 1%) ggc
TOTAL                 : 0.06 0.01 0.06 1388 kB

```

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/util/console.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/rt/util/console.d

```

Execution times (seconds)

```

phase setup           : 0.01 (17%) usr 0.00 ( 0%) sys 0.02 (29%) wall 1161 kB (84%) ggc
phase parsing          : 0.04 (67%) usr 0.00 ( 0%) sys 0.04 (57%) wall 90 kB ( 6%) ggc
phase generate         : 0.01 (17%) usr 0.01 (100%) sys 0.01 (14%) wall 134 kB (10%) ggc
tree gimplify         : 0.00 ( 0%) usr 0.01 (100%) sys 0.00 ( 0%) wall 9 kB ( 1%) ggc
tree eh               : 0.01 (17%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 2 kB ( 0%) ggc
final                 : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (14%) wall 6 kB ( 0%) ggc
Module::parse         : 0.02 (33%) usr 0.00 ( 0%) sys 0.02 (29%) wall 0 kB ( 0%) ggc
Module::semantic      : 0.02 (33%) usr 0.00 ( 0%) sys 0.02 (29%) wall 19 kB ( 1%) ggc
TOTAL                 : 0.06 0.01 0.07 1386 kB

```

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/util/ctype.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/rt/util/ctype.d

```

Execution times (seconds)

```

phase setup           : 0.01 (17%) usr 0.00 ( 0%) sys 0.03 (30%) wall 1161 kB (59%) ggc
phase parsing          : 0.01 (17%) usr 0.00 ( 0%) sys 0.01 (10%) wall 117 kB ( 6%) ggc
phase generate         : 0.04 (67%) usr 0.01 (100%) sys 0.06 (60%) wall 675 kB (35%) ggc
df scan insns         : 0.00 ( 0%) usr 0.01 (100%) sys 0.00 ( 0%) wall 1 kB ( 0%) ggc
tree PHI insertion     : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (10%) wall 7 kB ( 0%) ggc
tree SSA verifier     : 0.01 (17%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 0 kB ( 0%) ggc
out of ssa            : 0.01 (17%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 0 kB ( 0%) ggc
expand vars           : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (10%) wall 8 kB ( 0%) ggc
expand                : 0.01 (17%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 86 kB ( 4%) ggc
integrated RA         : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (10%) wall 209 kB (11%) ggc
reload                : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.02 (20%) wall 12 kB ( 1%) ggc
final                 : 0.01 (17%) usr 0.00 ( 0%) sys 0.01 (10%) wall 36 kB ( 2%) ggc
Module::parse         : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (10%) wall 0 kB ( 0%) ggc
Module::semantic      : 0.01 (17%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 9 kB ( 1%) ggc
TOTAL                 : 0.06 0.01 0.10 1955 kB

```

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-

```

```
gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/util/hash.o -ftime-report
-fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe
-fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32
-c ../../../../gcc-4.8/libphobos/libdruntime/rt/util/hash.d
```

Execution times (seconds)

phase setup	:	0.01 (33%)	usr	0.00 (0%)	sys	0.02 (40%)	wall	1161 kB (81%)	ggc
phase parsing	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	58 kB (4%)	ggc
phase generate	:	0.02 (67%)	usr	0.00 (0%)	sys	0.02 (40%)	wall	215 kB (15%)	ggc
tree gimplify	:	0.01 (33%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	23 kB (2%)	ggc
integrated RA	:	0.01 (33%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	64 kB (4%)	ggc
final	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	6 kB (0%)	ggc
rest of compilation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	12 kB (1%)	ggc
Module::parse	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	0 kB (0%)	ggc
TOTAL	:	0.03		0.00		0.05		1436 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-
unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-
gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/util/string.o -ftime-report
-fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe
-fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32
-c ../../../../gcc-4.8/libphobos/libdruntime/rt/util/string.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (100%)	sys	0.02 (33%)	wall	1161 kB (75%)	ggc
phase parsing	:	0.01 (25%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	72 kB (5%)	ggc
phase generate	:	0.03 (75%)	usr	0.00 (0%)	sys	0.03 (50%)	wall	313 kB (20%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	0 kB (0%)	ggc
tree SSA other	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.01 (25%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
expand	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	50 kB (3%)	ggc
integrated RA	:	0.02 (50%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	88 kB (6%)	ggc
reload	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	21 kB (1%)	ggc
Module::parse	:	0.01 (25%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
TOTAL	:	0.04		0.01		0.06		1547 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-
unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-
gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/util/utf.o -ftime-report
-fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe
-fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32
-c ../../../../gcc-4.8/libphobos/libdruntime/rt/util/utf.d
```

Execution times (seconds)

phase setup	:	0.02 (8%)	usr	0.00 (0%)	sys	0.03 (11%)	wall	1161 kB (25%)	ggc
phase parsing	:	0.01 (4%)	usr	0.00 (0%)	sys	0.02 (7%)	wall	533 kB (12%)	ggc
phase generate	:	0.22 (88%)	usr	0.02 (100%)	sys	0.23 (82%)	wall	2915 kB (63%)	ggc
CFG cleanup	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (7%)	wall	0 kB (0%)	ggc
CFG verifier	:	0.03 (12%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
alias analysis	:	0.01 (4%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	14 kB (0%)	ggc
tree eh	:	0.02 (8%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	66 kB (1%)	ggc
tree CFG construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (4%)	wall	170 kB (4%)	ggc
tree find ref. vars	:	0.01 (4%)	usr	0.00 (0%)	sys	0.01 (4%)	wall	19 kB (0%)	ggc
tree SSA verifier	:	0.00 (0%)	usr	0.01 (50%)	sys	0.01 (4%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.03 (12%)	usr	0.00 (0%)	sys	0.02 (7%)	wall	0 kB (0%)	ggc
dominance computation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (4%)	wall	0 kB (0%)	ggc
expand	:	0.01 (4%)	usr	0.00 (0%)	sys	0.01 (4%)	wall	493 kB (11%)	ggc
post expand cleanups	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (4%)	wall	67 kB (1%)	ggc
integrated RA	:	0.03 (12%)	usr	0.00 (0%)	sys	0.08 (29%)	wall	695 kB (15%)	ggc
reload	:	0.03 (12%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	158 kB (3%)	ggc
thread pro- & epilogue	:	0.01 (4%)	usr	0.00 (0%)	sys	0.01 (4%)	wall	82 kB (2%)	ggc
final	:	0.02 (8%)	usr	0.00 (0%)	sys	0.03 (11%)	wall	111 kB (2%)	ggc
rest of compilation	:	0.01 (4%)	usr	0.01 (50%)	sys	0.01 (4%)	wall	219 kB (5%)	ggc
verify RTL sharing	:	0.01 (4%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.01 (4%)	usr	0.00 (0%)	sys	0.02 (7%)	wall	501 kB (11%)	ggc
TOTAL	:	0.25		0.02		0.28		4610 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-
unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-
```

```
gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_AC.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_AC.d
```

Execution times (seconds)

phase setup	:	0.01 (17%) usr	0.01 (100%) sys	0.03 (33%) wall	1161 kB (62%) ggc
phase parsing	:	0.01 (17%) usr	0.00 (0%) sys	0.00 (0%) wall	146 kB (8%) ggc
phase generate	:	0.04 (67%) usr	0.00 (0%) sys	0.05 (56%) wall	575 kB (31%) ggc
phase finalize	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (11%) wall	0 kB (0%) ggc
df reg dead/unused notes:	:	0.01 (17%) usr	0.00 (0%) sys	0.00 (0%) wall	4 kB (0%) ggc
tree SSA verifier	:	0.01 (17%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
integrated RA	:	0.02 (33%) usr	0.00 (0%) sys	0.01 (11%) wall	138 kB (7%) ggc
reload	:	0.00 (0%) usr	0.00 (0%) sys	0.02 (22%) wall	24 kB (1%) ggc
rest of compilation	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (11%) wall	40 kB (2%) ggc
unaccounted todo	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (11%) wall	0 kB (0%) ggc
Module::genobjfile	:	0.01 (17%) usr	0.00 (0%) sys	0.00 (0%) wall	113 kB (6%) ggc
TOTAL	:	0.06	0.01	0.09	1883 kB

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_Acdouble.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_Acdouble.d
```

Execution times (seconds)

phase setup	:	0.00 (0%) usr	0.01 (50%) sys	0.02 (22%) wall	1161 kB (62%) ggc
phase parsing	:	0.00 (0%) usr	0.01 (50%) sys	0.01 (11%) wall	146 kB (8%) ggc
phase generate	:	0.05 (100%) usr	0.00 (0%) sys	0.05 (56%) wall	553 kB (30%) ggc
phase finalize	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (11%) wall	0 kB (0%) ggc
callgraph construction	:	0.01 (20%) usr	0.00 (0%) sys	0.01 (11%) wall	18 kB (1%) ggc
df reg dead/unused notes:	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (11%) wall	6 kB (0%) ggc
post expand cleanups	:	0.01 (20%) usr	0.00 (0%) sys	0.00 (0%) wall	15 kB (1%) ggc
integrated RA	:	0.01 (20%) usr	0.00 (0%) sys	0.01 (11%) wall	137 kB (7%) ggc
reload	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (11%) wall	22 kB (1%) ggc
final	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (11%) wall	25 kB (1%) ggc
rest of compilation	:	0.02 (40%) usr	0.00 (0%) sys	0.00 (0%) wall	41 kB (2%) ggc
Module::parse	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (11%) wall	0 kB (0%) ggc
Module::genobjfile	:	0.00 (0%) usr	0.01 (50%) sys	0.00 (0%) wall	113 kB (6%) ggc
TOTAL	:	0.05	0.02	0.09	1861 kB

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_Acfloat.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_Acfloat.d
```

Execution times (seconds)

phase setup	:	0.01 (17%) usr	0.00 (0%) sys	0.03 (33%) wall	1161 kB (63%) ggc
phase parsing	:	0.01 (17%) usr	0.00 (0%) sys	0.00 (0%) wall	146 kB (8%) ggc
phase generate	:	0.04 (67%) usr	0.01 (100%) sys	0.05 (56%) wall	546 kB (29%) ggc
phase finalize	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (11%) wall	0 kB (0%) ggc
tree CFG construction	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (11%) wall	30 kB (2%) ggc
tree SSA verifier	:	0.02 (33%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
post expand cleanups	:	0.00 (0%) usr	0.01 (100%) sys	0.00 (0%) wall	15 kB (1%) ggc
integrated RA	:	0.02 (33%) usr	0.00 (0%) sys	0.03 (33%) wall	137 kB (7%) ggc
rest of compilation	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (11%) wall	44 kB (2%) ggc
Module::genobjfile	:	0.01 (17%) usr	0.00 (0%) sys	0.00 (0%) wall	113 kB (6%) ggc
TOTAL	:	0.06	0.01	0.09	1853 kB

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_Acreal.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_Acreal.d
```

Execution times (seconds)

phase setup	:	0.01 (17%)	usr	0.00 (0%)	sys	0.02 (20%)	wall	1161 kB (61%)	ggc
phase parsing	:	0.01 (17%)	usr	0.00 (0%)	sys	0.02 (20%)	wall	145 kB (8%)	ggc
phase generate	:	0.04 (67%)	usr	0.01 (100%)	sys	0.05 (50%)	wall	596 kB (31%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	0 kB (0%)	ggc
tree CFG cleanup	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
expand	:	0.01 (17%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	91 kB (5%)	ggc
integrated RA	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	149 kB (8%)	ggc
reload	:	0.00 (0%)	usr	0.01 (100%)	sys	0.00 (0%)	wall	31 kB (2%)	ggc
thread pro- & epilogue	:	0.02 (33%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	21 kB (1%)	ggc
final	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	25 kB (1%)	ggc
rest of compilation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (20%)	wall	58 kB (3%)	ggc
Module::parse	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.01 (17%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	113 kB (6%)	ggc
TOTAL	:	0.06		0.01		0.10		1903 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_Adouble.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_Glibc -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_Adouble.d
```

Execution times (seconds)

phase setup	:	0.01 (17%)	usr	0.00 (0%)	sys	0.03 (27%)	wall	1161 kB (59%)	ggc
phase parsing	:	0.01 (17%)	usr	0.00 (0%)	sys	0.01 (9%)	wall	168 kB (9%)	ggc
phase generate	:	0.04 (67%)	usr	0.02 (100%)	sys	0.06 (55%)	wall	622 kB (32%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (9%)	wall	0 kB (0%)	ggc
callgraph construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (9%)	wall	24 kB (1%)	ggc
cfg cleanup	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
CFG verifier	:	0.00 (0%)	usr	0.01 (50%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
trivially dead code	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (9%)	wall	0 kB (0%)	ggc
alias analysis	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	2 kB (0%)	ggc
callgraph verifier	:	0.00 (0%)	usr	0.01 (50%)	sys	0.01 (9%)	wall	0 kB (0%)	ggc
out of ssa	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
integrated RA	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	162 kB (8%)	ggc
reload	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (9%)	wall	22 kB (1%)	ggc
rest of compilation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (18%)	wall	50 kB (3%)	ggc
Module::semantic2	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (9%)	wall	0 kB (0%)	ggc
Module::semantic3	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
TOTAL	:	0.06		0.02		0.11		1952 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_Afloat.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_Glibc -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_Afloat.d
```

Execution times (seconds)

phase setup	:	0.01 (14%)	usr	0.00 (0%)	sys	0.03 (30%)	wall	1161 kB (60%)	ggc
phase parsing	:	0.01 (14%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	168 kB (9%)	ggc
phase generate	:	0.04 (57%)	usr	0.01 (100%)	sys	0.05 (50%)	wall	614 kB (32%)	ggc
phase finalize	:	0.01 (14%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	0 kB (0%)	ggc
cfg cleanup	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	0 kB (0%)	ggc
df scan insns	:	0.01 (14%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	1 kB (0%)	ggc
tree STMT verifier	:	0.00 (0%)	usr	0.01 (100%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	0 kB (0%)	ggc
expand	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	94 kB (5%)	ggc
integrated RA	:	0.01 (14%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	162 kB (8%)	ggc
reload	:	0.01 (14%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	22 kB (1%)	ggc
rest of compilation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	50 kB (3%)	ggc
unaccounted todo	:	0.01 (14%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::parse	:	0.01 (14%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	9 kB (1%)	ggc
TOTAL	:	0.07		0.01		0.10		1944 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-
```

```
gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_Ag.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_Ag.d
```

Execution times (seconds)

phase setup	:	0.02 (18%)	usr	0.00 (0%)	sys	0.02 (15%)	wall	1161 kB (47%)	ggc
phase parsing	:	0.01 (9%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	271 kB (11%)	ggc
phase generate	:	0.08 (73%)	usr	0.00 (0%)	sys	0.09 (69%)	wall	1060 kB (43%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	0 kB (0%)	ggc
callgraph optimization	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	39 kB (2%)	ggc
trivially dead code	:	0.01 (9%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	0 kB (0%)	ggc
tree CFG construction	:	0.01 (9%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	56 kB (2%)	ggc
tree operand scan	:	0.01 (9%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	29 kB (1%)	ggc
tree SSA verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	0 kB (0%)	ggc
integrated RA	:	0.02 (18%)	usr	0.00 (0%)	sys	0.03 (23%)	wall	310 kB (12%)	ggc
reload	:	0.01 (9%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	32 kB (1%)	ggc
final	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	49 kB (2%)	ggc
rest of compilation	:	0.02 (18%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	87 kB (4%)	ggc
Module::genobjfile	:	0.01 (9%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	236 kB (9%)	ggc
TOTAL	:	0.11		0.00		0.13		2493 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_Aint.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_Aint.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (50%)	sys	0.03 (23%)	wall	1161 kB (54%)	ggc
phase parsing	:	0.01 (17%)	usr	0.00 (0%)	sys	0.02 (15%)	wall	197 kB (9%)	ggc
phase generate	:	0.05 (83%)	usr	0.01 (50%)	sys	0.07 (54%)	wall	774 kB (36%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	0 kB (0%)	ggc
cfg cleanup	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	0 kB (0%)	ggc
CFG verifier	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
alias analysis	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	3 kB (0%)	ggc
tree operand scan	:	0.00 (0%)	usr	0.01 (50%)	sys	0.00 (0%)	wall	22 kB (1%)	ggc
tree SSA verifier	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	0 kB (0%)	ggc
expand	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	116 kB (5%)	ggc
integrated RA	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	212 kB (10%)	ggc
final	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (15%)	wall	36 kB (2%)	ggc
rest of compilation	:	0.01 (17%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	62 kB (3%)	ggc
Module::semantic	:	0.01 (17%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	9 kB (0%)	ggc
Module::genobjfile	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	164 kB (8%)	ggc
TOTAL	:	0.06		0.02		0.13		2134 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_Along.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_Along.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (100%)	sys	0.02 (20%)	wall	1161 kB (55%)	ggc
phase parsing	:	0.01 (12%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	179 kB (9%)	ggc
phase generate	:	0.07 (88%)	usr	0.00 (0%)	sys	0.07 (70%)	wall	768 kB (36%)	ggc
callgraph construction	:	0.01 (12%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	27 kB (1%)	ggc
tree CFG construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	46 kB (2%)	ggc
integrated RA	:	0.01 (12%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	187 kB (9%)	ggc
reload	:	0.01 (13%)	usr	0.00 (0%)	sys	0.02 (20%)	wall	33 kB (2%)	ggc
final	:	0.03 (37%)	usr	0.00 (0%)	sys	0.02 (20%)	wall	35 kB (2%)	ggc
rest of compilation	:	0.01 (13%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	65 kB (3%)	ggc
unaccounted todo	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	0 kB (0%)	ggc
Module::parse	:	0.01 (12%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::semantic3	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (10%)	wall	0 kB (0%)	ggc

TOTAL : 0.08 0.01 0.10 2110 kB

```
/home/iain/src/gdc/build48/objdir/.gcc/gdc -B/home/iain/src/gdc/build48/objdir/.gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_Areal.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_Areal.d
```

Execution times (seconds)

phase setup	:	0.01 (14%) usr	0.00 (0%) sys	0.02 (22%) wall	1161 kB (59%) ggc
phase parsing	:	0.01 (14%) usr	0.00 (0%) sys	0.01 (11%) wall	168 kB (9%) ggc
phase generate	:	0.05 (71%) usr	0.01 (100%) sys	0.05 (56%) wall	636 kB (32%) ggc
phase finalize	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (11%) wall	0 kB (0%) ggc
CFG verifier	:	0.01 (14%) usr	0.00 (0%) sys	0.01 (11%) wall	0 kB (0%) ggc
tree CFG cleanup	:	0.01 (14%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
tree SSA rewrite	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (11%) wall	7 kB (0%) ggc
callgraph verifier	:	0.01 (14%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
expand	:	0.01 (14%) usr	0.00 (0%) sys	0.00 (0%) wall	96 kB (5%) ggc
integrated RA	:	0.01 (14%) usr	0.00 (0%) sys	0.00 (0%) wall	174 kB (9%) ggc
reload	:	0.00 (0%) usr	0.01 (100%) sys	0.00 (0%) wall	23 kB (1%) ggc
final	:	0.00 (0%) usr	0.00 (0%) sys	0.02 (22%) wall	29 kB (1%) ggc
unaccounted todo	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (11%) wall	0 kB (0%) ggc
Module::genobjfile	:	0.01 (14%) usr	0.00 (0%) sys	0.01 (11%) wall	135 kB (7%) ggc
TOTAL	:	0.07	0.01	0.09	1966 kB

```
/home/iain/src/gdc/build48/objdir/.gcc/gdc -B/home/iain/src/gdc/build48/objdir/.gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_Ashort.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_Ashort.d
```

Execution times (seconds)

phase setup	:	0.01 (12%) usr	0.00 (0%) sys	0.02 (20%) wall	1161 kB (54%) ggc
phase parsing	:	0.01 (12%) usr	0.01 (100%) sys	0.01 (10%) wall	197 kB (9%) ggc
phase generate	:	0.06 (75%) usr	0.00 (0%) sys	0.07 (70%) wall	776 kB (36%) ggc
CFG verifier	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (10%) wall	0 kB (0%) ggc
df scan insns	:	0.01 (13%) usr	0.00 (0%) sys	0.01 (10%) wall	1 kB (0%) ggc
rebuild jump labels	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (10%) wall	0 kB (0%) ggc
callgraph verifier	:	0.01 (12%) usr	0.00 (0%) sys	0.01 (10%) wall	0 kB (0%) ggc
integrated RA	:	0.03 (38%) usr	0.00 (0%) sys	0.01 (10%) wall	212 kB (10%) ggc
final	:	0.01 (12%) usr	0.00 (0%) sys	0.00 (0%) wall	36 kB (2%) ggc
rest of compilation	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (10%) wall	64 kB (3%) ggc
unaccounted todo	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (10%) wall	0 kB (0%) ggc
Module::parse	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (10%) wall	0 kB (0%) ggc
Module::semantic	:	0.01 (12%) usr	0.00 (0%) sys	0.00 (0%) wall	9 kB (0%) ggc
Module::genobjfile	:	0.00 (0%) usr	0.01 (100%) sys	0.00 (0%) wall	164 kB (8%) ggc
TOTAL	:	0.08	0.01	0.10	2135 kB

```
/home/iain/src/gdc/build48/objdir/.gcc/gdc -B/home/iain/src/gdc/build48/objdir/.gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_byte.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_byte.d
```

Execution times (seconds)

phase setup	:	0.01 (25%) usr	0.00 (0%) sys	0.02 (33%) wall	1161 kB (75%) ggc
phase parsing	:	0.01 (25%) usr	0.00 (0%) sys	0.01 (17%) wall	117 kB (8%) ggc
phase generate	:	0.02 (50%) usr	0.00 (0%) sys	0.02 (33%) wall	276 kB (18%) ggc
phase finalize	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (17%) wall	0 kB (0%) ggc
CFG verifier	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (17%) wall	0 kB (0%) ggc
varconst	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (17%) wall	0 kB (0%) ggc
integrated RA	:	0.01 (25%) usr	0.00 (0%) sys	0.01 (17%) wall	86 kB (6%) ggc
final	:	0.01 (25%) usr	0.00 (0%) sys	0.00 (0%) wall	13 kB (1%) ggc
Module::parse	:	0.01 (25%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
TOTAL	:	0.04	0.00	0.06	1555 kB

```
/home/iaain/src/gdc/build48/objdir/./gcc/gdc -B/home/iaain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_C.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_Glibc -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_C.d
```

Execution times (seconds)

phase setup	:	0.01 (20%) usr	0.00 (0%) sys	0.01 (20%) wall	1161 kB (73%) ggc
phase parsing	:	0.01 (20%) usr	0.00 (0%) sys	0.02 (40%) wall	120 kB (8%) ggc
phase generate	:	0.03 (60%) usr	0.00 (0%) sys	0.02 (40%) wall	299 kB (19%) ggc
parser (global)	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (20%) wall	21 kB (1%) ggc
tree SSA rewrite	:	0.01 (20%) usr	0.00 (0%) sys	0.00 (0%) wall	3 kB (0%) ggc
thread pro- & epilogue	:	0.01 (20%) usr	0.00 (0%) sys	0.00 (0%) wall	13 kB (1%) ggc
final	:	0.00 (0%) usr	0.00 (0%) sys	0.02 (40%) wall	12 kB (1%) ggc
rest of compilation	:	0.01 (20%) usr	0.00 (0%) sys	0.00 (0%) wall	21 kB (1%) ggc
Module::parse	:	0.01 (20%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
Module::genobjfile	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (20%) wall	87 kB (6%) ggc
TOTAL	:	0.05	0.00	0.05	1580 kB

```
/home/iaain/src/gdc/build48/objdir/./gcc/gdc -B/home/iaain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_cdouble.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_Glibc -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_cdouble.d
```

Execution times (seconds)

phase setup	:	0.02 (33%) usr	0.00 (0%) sys	0.01 (17%) wall	1161 kB (63%) ggc
phase parsing	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (17%) wall	137 kB (7%) ggc
phase generate	:	0.04 (67%) usr	0.01 (100%) sys	0.04 (67%) wall	543 kB (29%) ggc
trivially dead code	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (17%) wall	0 kB (0%) ggc
register information	:	0.00 (0%) usr	0.01 (100%) sys	0.00 (0%) wall	0 kB (0%) ggc
callgraph verifier	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (17%) wall	0 kB (0%) ggc
integrated RA	:	0.01 (17%) usr	0.00 (0%) sys	0.01 (17%) wall	175 kB (10%) ggc
final	:	0.01 (17%) usr	0.00 (0%) sys	0.00 (0%) wall	22 kB (1%) ggc
rest of compilation	:	0.01 (17%) usr	0.00 (0%) sys	0.00 (0%) wall	44 kB (2%) ggc
unaccounted todo	:	0.01 (17%) usr	0.00 (0%) sys	0.01 (17%) wall	0 kB (0%) ggc
Module::parse	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (17%) wall	0 kB (0%) ggc
TOTAL	:	0.06	0.01	0.06	1843 kB

```
/home/iaain/src/gdc/build48/objdir/./gcc/gdc -B/home/iaain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_cfloat.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_Glibc -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_cfloat.d
```

Execution times (seconds)

phase setup	:	0.00 (0%) usr	0.01 (100%) sys	0.02 (29%) wall	1161 kB (64%) ggc
phase parsing	:	0.01 (20%) usr	0.00 (0%) sys	0.01 (14%) wall	137 kB (8%) ggc
phase generate	:	0.04 (80%) usr	0.00 (0%) sys	0.04 (57%) wall	503 kB (28%) ggc
df reg dead/unused notes	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (14%) wall	3 kB (0%) ggc
tree eh	:	0.01 (20%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
tree STMT verifier	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (14%) wall	0 kB (0%) ggc
post expand cleanups	:	0.01 (20%) usr	0.00 (0%) sys	0.00 (0%) wall	17 kB (1%) ggc
integrated RA	:	0.01 (20%) usr	0.00 (0%) sys	0.00 (0%) wall	161 kB (9%) ggc
reload	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (14%) wall	17 kB (1%) ggc
final	:	0.01 (20%) usr	0.00 (0%) sys	0.01 (14%) wall	22 kB (1%) ggc
Module::parse	:	0.01 (20%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
Module::genobjfile	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (14%) wall	105 kB (6%) ggc
TOTAL	:	0.05	0.01	0.07	1803 kB

```
/home/iaain/src/gdc/build48/objdir/./gcc/gdc -B/home/iaain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_char.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_Glibc -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32
```

```
-c ../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_char.d
```

Execution times (seconds)

phase setup	:	0.01 (25%) usr	0.01 (50%) sys	0.01 (20%) wall	1161 kB (72%) ggc
phase parsing	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (20%) wall	129 kB (8%) ggc
phase generate	:	0.03 (75%) usr	0.01 (50%) sys	0.03 (60%) wall	320 kB (20%) ggc
callgraph optimization	:	0.01 (25%) usr	0.00 (0%) sys	0.00 (0%) wall	15 kB (1%) ggc
CFG verifier	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (20%) wall	0 kB (0%) ggc
expand vars	:	0.00 (0%) usr	0.01 (50%) sys	0.00 (0%) wall	2 kB (0%) ggc
expand	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (20%) wall	42 kB (3%) ggc
integrated RA	:	0.01 (25%) usr	0.00 (0%) sys	0.00 (0%) wall	99 kB (6%) ggc
reload	:	0.01 (25%) usr	0.00 (0%) sys	0.00 (0%) wall	9 kB (1%) ggc
final	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (20%) wall	15 kB (1%) ggc
Module::parse	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (20%) wall	0 kB (0%) ggc
TOTAL	:	0.04	0.02	0.05	1612 kB

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_creal.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_creal.d
```

Execution times (seconds)

phase setup	:	0.01 (17%) usr	0.00 (0%) sys	0.01 (17%) wall	1161 kB (63%) ggc
phase parsing	:	0.01 (17%) usr	0.00 (0%) sys	0.01 (17%) wall	137 kB (7%) ggc
phase generate	:	0.04 (67%) usr	0.01 (100%) sys	0.04 (67%) wall	543 kB (29%) ggc
callgraph construction	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (17%) wall	17 kB (1%) ggc
callgraph verifier	:	0.01 (17%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
expand	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (17%) wall	78 kB (4%) ggc
post expand cleanups	:	0.01 (17%) usr	0.00 (0%) sys	0.00 (0%) wall	17 kB (1%) ggc
integrated RA	:	0.01 (17%) usr	0.01 (100%) sys	0.01 (17%) wall	161 kB (9%) ggc
reload	:	0.01 (17%) usr	0.00 (0%) sys	0.00 (0%) wall	22 kB (1%) ggc
final	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (17%) wall	23 kB (1%) ggc
Module::parse	:	0.01 (17%) usr	0.00 (0%) sys	0.01 (17%) wall	0 kB (0%) ggc
TOTAL	:	0.06	0.01	0.06	1843 kB

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_dchar.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_dchar.d
```

Execution times (seconds)

phase setup	:	0.01 (20%) usr	0.00 (0%) sys	0.01 (20%) wall	1161 kB (72%) ggc
phase parsing	:	0.01 (20%) usr	0.00 (0%) sys	0.01 (20%) wall	124 kB (8%) ggc
phase generate	:	0.03 (60%) usr	0.00 (0%) sys	0.03 (60%) wall	321 kB (20%) ggc
parser (global)	:	0.01 (20%) usr	0.00 (0%) sys	0.00 (0%) wall	21 kB (1%) ggc
tree STMT verifier	:	0.01 (20%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
callgraph verifier	:	0.01 (20%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
integrated RA	:	0.00 (0%) usr	0.00 (0%) sys	0.02 (40%) wall	99 kB (6%) ggc
thread pro- & epilogue	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (20%) wall	18 kB (1%) ggc
final	:	0.01 (20%) usr	0.00 (0%) sys	0.00 (0%) wall	15 kB (1%) ggc
Module::parse	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (20%) wall	0 kB (0%) ggc
TOTAL	:	0.05	0.00	0.05	1607 kB

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_delegate.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_delegate.d
```

Execution times (seconds)

phase setup	:	0.01 (25%) usr	0.00 (0%) sys	0.02 (40%) wall	1161 kB (76%) ggc
phase parsing	:	0.01 (25%) usr	0.00 (0%) sys	0.01 (20%) wall	115 kB (8%) ggc
phase generate	:	0.02 (50%) usr	0.01 (100%) sys	0.02 (40%) wall	255 kB (17%) ggc
cfg cleanup	:	0.00 (0%) usr	0.01 (100%) sys	0.00 (0%) wall	0 kB (0%) ggc


```

tree SSA verifier      : 0.01 (25%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 0 kB ( 0%) ggc
integrated RA          : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.02 (40%) wall 74 kB ( 5%) ggc
reload                 : 0.01 (25%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 9 kB ( 1%) ggc
Module::parse          : 0.01 (25%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 0 kB ( 0%) ggc
Module::genobjfile     : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (20%) wall 83 kB ( 5%) ggc
TOTAL                  : 0.04 0.01 0.05 1532 kB

```

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_double.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_Glibc -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_double.d

```

```

Execution times (seconds)
phase setup           : 0.01 (17%) usr 0.01 (50%) sys 0.01 (14%) wall 1161 kB (64%) ggc
phase parsing         : 0.01 (17%) usr 0.00 ( 0%) sys 0.01 (14%) wall 137 kB ( 8%) ggc
phase generate        : 0.04 (67%) usr 0.01 (50%) sys 0.05 (71%) wall 513 kB (28%) ggc
callgraph construction : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (14%) wall 17 kB ( 1%) ggc
df reg dead/unused notes: 0.01 (17%) usr 0.00 ( 0%) sys 0.01 (14%) wall 5 kB ( 0%) ggc
tree STMT verifier    : 0.01 (17%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 0 kB ( 0%) ggc
expand                : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (14%) wall 75 kB ( 4%) ggc
integrated RA         : 0.01 (17%) usr 0.00 ( 0%) sys 0.01 (14%) wall 161 kB ( 9%) ggc
thread pro- & epilogue : 0.01 (17%) usr 0.00 ( 0%) sys 0.01 (14%) wall 24 kB ( 1%) ggc
verify RTL sharing    : 0.00 ( 0%) usr 0.01 (50%) sys 0.00 ( 0%) wall 0 kB ( 0%) ggc
Module::parse         : 0.01 (17%) usr 0.00 ( 0%) sys 0.01 (14%) wall 0 kB ( 0%) ggc
TOTAL                  : 0.06 0.02 0.07 1812 kB

```

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_float.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_Glibc -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_float.d

```

```

Execution times (seconds)
phase setup           : 0.02 (33%) usr 0.00 ( 0%) sys 0.02 (29%) wall 1161 kB (66%) ggc
phase parsing         : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (14%) wall 132 kB ( 8%) ggc
phase generate        : 0.04 (67%) usr 0.01 (100%) sys 0.04 (57%) wall 457 kB (26%) ggc
callgraph verifier    : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (14%) wall 0 kB ( 0%) ggc
dominance computation : 0.01 (17%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 0 kB ( 0%) ggc
out of ssa            : 0.01 (17%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 0 kB ( 0%) ggc
integrated RA         : 0.00 ( 0%) usr 0.01 (100%) sys 0.00 ( 0%) wall 148 kB ( 8%) ggc
reload                : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (14%) wall 14 kB ( 1%) ggc
final                 : 0.02 (33%) usr 0.00 ( 0%) sys 0.02 (29%) wall 21 kB ( 1%) ggc
Module::genobjfile    : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (14%) wall 100 kB ( 6%) ggc
TOTAL                  : 0.06 0.01 0.07 1751 kB

```

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_idouble.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_Glibc -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_idouble.d

```

```

Execution times (seconds)
phase setup           : 0.01 (50%) usr 0.00 ( 0%) sys 0.02 (50%) wall 1161 kB (86%) ggc
phase parsing         : 0.01 (50%) usr 0.00 ( 0%) sys 0.01 (25%) wall 99 kB ( 7%) ggc
phase generate        : 0.00 ( 0%) usr 0.01 (100%) sys 0.01 (25%) wall 83 kB ( 6%) ggc
thread pro- & epilogue : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (25%) wall 3 kB ( 0%) ggc
unaccounted todo      : 0.00 ( 0%) usr 0.01 (100%) sys 0.00 ( 0%) wall 0 kB ( 0%) ggc
Module::semantic       : 0.01 (50%) usr 0.00 ( 0%) sys 0.00 ( 0%) wall 9 kB ( 1%) ggc
Module::genobjfile     : 0.00 ( 0%) usr 0.00 ( 0%) sys 0.01 (25%) wall 67 kB ( 5%) ggc
TOTAL                  : 0.02 0.01 0.04 1344 kB

```

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_ifloat.o

```

```
-ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed
-nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu
-I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_ifloat.d
```

Execution times (seconds)

phase setup	:	0.01 (33%)	usr	0.00 (0%)	sys	0.02 (50%)	wall	1161 kB (86%)	ggc
phase parsing	:	0.01 (33%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	99 kB (7%)	ggc
phase generate	:	0.01 (33%)	usr	0.00 (0%)	sys	0.02 (50%)	wall	83 kB (6%)	ggc
callgraph optimization	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (25%)	wall	3 kB (0%)	ggc
parser (global)	:	0.01 (33%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	21 kB (2%)	ggc
integrated RA	:	0.01 (33%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	24 kB (2%)	ggc
rest of compilation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (25%)	wall	5 kB (0%)	ggc
TOTAL	:	0.03		0.00		0.04		1344 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_int.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_int.d
```

Execution times (seconds)

phase setup	:	0.01 (33%)	usr	0.00 (0%)	sys	0.02 (33%)	wall	1161 kB (74%)	ggc
phase parsing	:	0.01 (33%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	118 kB (8%)	ggc
phase generate	:	0.01 (33%)	usr	0.01 (100%)	sys	0.03 (50%)	wall	283 kB (18%)	ggc
cfg cleanup	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	0 kB (0%)	ggc
tree SSA other	:	0.00 (0%)	usr	0.01 (100%)	sys	0.00 (0%)	wall	1 kB (0%)	ggc
expand	:	0.01 (33%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	38 kB (2%)	ggc
reload	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	6 kB (0%)	ggc
rest of compilation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	23 kB (2%)	ggc
Module::genobjfile	:	0.01 (33%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	86 kB (6%)	ggc
TOTAL	:	0.03		0.01		0.06		1563 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_ireal.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_ireal.d
```

Execution times (seconds)

phase setup	:	0.01 (33%)	usr	0.00 (0%)	sys	0.02 (50%)	wall	1161 kB (86%)	ggc
phase parsing	:	0.01 (33%)	usr	0.00 (0%)	sys	0.01 (25%)	wall	99 kB (7%)	ggc
phase generate	:	0.01 (33%)	usr	0.00 (0%)	sys	0.01 (25%)	wall	83 kB (6%)	ggc
integrated RA	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (25%)	wall	24 kB (2%)	ggc
reload	:	0.01 (33%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	1 kB (0%)	ggc
Module::parse	:	0.01 (33%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (25%)	wall	9 kB (1%)	ggc
TOTAL	:	0.03		0.00		0.04		1344 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_long.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_long.d
```

Execution times (seconds)

phase setup	:	0.01 (20%)	usr	0.00 (0%)	sys	0.02 (33%)	wall	1161 kB (71%)	ggc
phase parsing	:	0.01 (20%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	127 kB (8%)	ggc
phase generate	:	0.03 (60%)	usr	0.00 (0%)	sys	0.04 (67%)	wall	342 kB (21%)	ggc
CFG verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	0 kB (0%)	ggc
trivially dead code	:	0.01 (20%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
expand	:	0.01 (20%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	48 kB (3%)	ggc
integrated RA	:	0.01 (20%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	99 kB (6%)	ggc
reload	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	12 kB (1%)	ggc
rest of compilation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	33 kB (2%)	ggc
Module::parse	:	0.01 (20%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
TOTAL	:	0.05		0.00		0.06		1630 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_ptr.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_ptr.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (50%)	sys	0.01 (25%)	wall	1161 kB (74%)	ggc
phase parsing	:	0.01 (33%)	usr	0.00 (0%)	sys	0.01 (25%)	wall	118 kB (8%)	ggc
phase generate	:	0.02 (67%)	usr	0.01 (50%)	sys	0.02 (50%)	wall	282 kB (18%)	ggc
tree gimplify	:	0.00 (0%)	usr	0.01 (50%)	sys	0.00 (0%)	wall	24 kB (2%)	ggc
dominance computation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (25%)	wall	0 kB (0%)	ggc
expand	:	0.01 (33%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	37 kB (2%)	ggc
integrated RA	:	0.01 (33%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	86 kB (6%)	ggc
reload	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (25%)	wall	6 kB (0%)	ggc
Module::semantic	:	0.01 (33%)	usr	0.00 (0%)	sys	0.01 (25%)	wall	9 kB (1%)	ggc
TOTAL	:	0.03		0.02		0.04		1562 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_real.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_real.d
```

Execution times (seconds)

phase setup	:	0.01 (17%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	1161 kB (64%)	ggc
phase parsing	:	0.01 (17%)	usr	0.01 (100%)	sys	0.01 (17%)	wall	137 kB (8%)	ggc
phase generate	:	0.04 (67%)	usr	0.00 (0%)	sys	0.04 (67%)	wall	507 kB (28%)	ggc
cfg cleanup	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	0 kB (0%)	ggc
alias analysis	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	2 kB (0%)	ggc
inline heuristics	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	5 kB (0%)	ggc
tree CFG cleanup	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
expand	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	70 kB (4%)	ggc
reg stack	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	4 kB (0%)	ggc
rest of compilation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	48 kB (3%)	ggc
unaccounted todo	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::parse	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.00 (0%)	usr	0.01 (100%)	sys	0.00 (0%)	wall	9 kB (1%)	ggc
Module::genobjfile	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	104 kB (6%)	ggc
TOTAL	:	0.06		0.01		0.06		1806 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_short.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_short.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (40%)	wall	1161 kB (74%)	ggc
phase parsing	:	0.01 (25%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	121 kB (8%)	ggc
phase generate	:	0.02 (50%)	usr	0.01 (100%)	sys	0.03 (60%)	wall	276 kB (18%)	ggc
callgraph optimization	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	13 kB (1%)	ggc
expand	:	0.00 (0%)	usr	0.01 (100%)	sys	0.00 (0%)	wall	36 kB (2%)	ggc
integrated RA	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	86 kB (6%)	ggc
reload	:	0.01 (25%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	6 kB (0%)	ggc
rest of compilation	:	0.01 (25%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	23 kB (2%)	ggc
Module::parse	:	0.01 (25%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
TOTAL	:	0.04		0.01		0.05		1560 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_ubyte.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32
```

```
-c ../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_ubyte.d
```

Execution times (seconds)

phase setup	:	0.01 (33%)	usr	0.01 (50%)	sys	0.01 (20%)	wall	1161 kB (72%)	ggc
phase parsing	:	0.01 (33%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	135 kB (8%)	ggc
phase generate	:	0.01 (33%)	usr	0.01 (50%)	sys	0.03 (60%)	wall	321 kB (20%)	ggc
inline heuristics	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	4 kB (0%)	ggc
post expand cleanups	:	0.01 (33%)	usr	0.01 (50%)	sys	0.00 (0%)	wall	7 kB (0%)	ggc
reload	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	7 kB (0%)	ggc
reg stack	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	9 kB (1%)	ggc
Module::genobjfile	:	0.01 (33%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	102 kB (6%)	ggc
TOTAL	:	0.03		0.02		0.05		1617 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_uint.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_uint.d
```

Execution times (seconds)

phase setup	:	0.02 (40%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	1161 kB (74%)	ggc
phase parsing	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	118 kB (8%)	ggc
phase generate	:	0.03 (60%)	usr	0.00 (0%)	sys	0.03 (60%)	wall	284 kB (18%)	ggc
callgraph optimization	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	13 kB (1%)	ggc
callgraph verifier	:	0.01 (20%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
expand	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	38 kB (2%)	ggc
integrated RA	:	0.02 (40%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	87 kB (6%)	ggc
Module::parse	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	0 kB (0%)	ggc
TOTAL	:	0.05		0.00		0.05		1564 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_ulong.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_ulong.d
```

Execution times (seconds)

phase setup	:	0.01 (25%)	usr	0.00 (0%)	sys	0.02 (33%)	wall	1161 kB (71%)	ggc
phase parsing	:	0.00 (0%)	usr	0.01 (50%)	sys	0.01 (17%)	wall	123 kB (8%)	ggc
phase generate	:	0.03 (75%)	usr	0.01 (50%)	sys	0.03 (50%)	wall	342 kB (21%)	ggc
CFG verifier	:	0.01 (25%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
out of ssa	:	0.01 (25%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	0 kB (0%)	ggc
integrated RA	:	0.01 (25%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	99 kB (6%)	ggc
final	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	16 kB (1%)	ggc
unaccounted todo	:	0.00 (0%)	usr	0.01 (50%)	sys	0.01 (17%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.00 (0%)	usr	0.01 (50%)	sys	0.00 (0%)	wall	9 kB (1%)	ggc
Module::genobjfile	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	90 kB (6%)	ggc
TOTAL	:	0.04		0.02		0.06		1627 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_ushort.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_ushort.d
```

Execution times (seconds)

phase setup	:	0.02 (50%)	usr	0.00 (0%)	sys	0.02 (33%)	wall	1161 kB (75%)	ggc
phase parsing	:	0.00 (0%)	usr	0.01 (100%)	sys	0.01 (17%)	wall	117 kB (8%)	ggc
phase generate	:	0.02 (50%)	usr	0.00 (0%)	sys	0.03 (50%)	wall	276 kB (18%)	ggc
callgraph construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	14 kB (1%)	ggc
callgraph verifier	:	0.01 (25%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	0 kB (0%)	ggc
expand	:	0.01 (25%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	36 kB (2%)	ggc
Module::parse	:	0.00 (0%)	usr	0.01 (100%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	9 kB (1%)	ggc
TOTAL	:	0.04		0.01		0.06		1556 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_void.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_void.d
```

Execution times (seconds)

phase setup	:	0.02 (50%) usr	0.00 (0%) sys	0.02 (40%) wall	1161 kB (72%) ggc
phase parsing	:	0.00 (0%) usr	0.01 (100%) sys	0.01 (20%) wall	121 kB (8%) ggc
phase generate	:	0.02 (50%) usr	0.00 (0%) sys	0.02 (40%) wall	319 kB (20%) ggc
CFG verifier	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (20%) wall	0 kB (0%) ggc
tree STMT verifier	:	0.01 (25%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
integrated RA	:	0.01 (25%) usr	0.00 (0%) sys	0.00 (0%) wall	99 kB (6%) ggc
reload	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (20%) wall	9 kB (1%) ggc
Module::semantic	:	0.00 (0%) usr	0.01 (100%) sys	0.00 (0%) wall	9 kB (1%) ggc
Module::genobjfile	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (20%) wall	89 kB (6%) ggc
TOTAL	:	0.04	0.01	0.05	1603 kB

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o rt/typeinfo/ti_wchar.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/rt/typeinfo/ti_wchar.d
```

Execution times (seconds)

phase setup	:	0.01 (25%) usr	0.00 (0%) sys	0.02 (33%) wall	1161 kB (72%) ggc
phase parsing	:	0.01 (25%) usr	0.00 (0%) sys	0.01 (17%) wall	124 kB (8%) ggc
phase generate	:	0.02 (50%) usr	0.01 (100%) sys	0.03 (50%) wall	323 kB (20%) ggc
post expand cleanups	:	0.01 (25%) usr	0.00 (0%) sys	0.00 (0%) wall	7 kB (0%) ggc
integrated RA	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (17%) wall	99 kB (6%) ggc
final	:	0.01 (25%) usr	0.01 (100%) sys	0.01 (17%) wall	15 kB (1%) ggc
unaccounted todo	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (17%) wall	0 kB (0%) ggc
Module::semantic	:	0.01 (25%) usr	0.00 (0%) sys	0.00 (0%) wall	9 kB (1%) ggc
Module::genobjfile	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (17%) wall	91 kB (6%) ggc
TOTAL	:	0.04	0.01	0.06	1609 kB

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/atomic.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/core/atomic.d
```

Execution times (seconds)

phase setup	:	0.01 (25%) usr	0.00 (0%) sys	0.02 (33%) wall	1161 kB (94%) ggc
phase parsing	:	0.03 (75%) usr	0.01 (100%) sys	0.04 (67%) wall	49 kB (4%) ggc
Module::parse	:	0.01 (25%) usr	0.00 (0%) sys	0.02 (33%) wall	0 kB (0%) ggc
Module::semantic	:	0.02 (50%) usr	0.01 (100%) sys	0.02 (33%) wall	9 kB (1%) ggc
TOTAL	:	0.04	0.01	0.06	1240 kB

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/cpuid.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/core/cpuid.d
```

Execution times (seconds)

phase setup	:	0.02 (15%) usr	0.00 (0%) sys	0.01 (7%) wall	1161 kB (38%) ggc
phase parsing	:	0.01 (8%) usr	0.00 (0%) sys	0.02 (14%) wall	224 kB (7%) ggc
phase generate	:	0.10 (77%) usr	0.01 (100%) sys	0.11 (79%) wall	1667 kB (55%) ggc
df live regs	:	0.01 (8%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
tree CFG cleanup	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (7%) wall	0 kB (0%) ggc
tree STMT verifier	:	0.00 (0%) usr	0.01 (100%) sys	0.03 (21%) wall	0 kB (0%) ggc
callgraph verifier	:	0.01 (8%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc

dominance computation	:	0.01 (8%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
expand	:	0.01 (8%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	187 kB (6%)	ggc
integrated RA	:	0.06 (46%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	604 kB (20%)	ggc
reload	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	39 kB (1%)	ggc
final	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	76 kB (3%)	ggc
rest of compilation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (14%)	wall	130 kB (4%)	ggc
unaccounted todo	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (14%)	wall	0 kB (0%)	ggc
Module::parse	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.01 (8%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	188 kB (6%)	ggc
TOTAL	:	0.13		0.01		0.14		3053 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/demangle.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././.././../gcc-4.8/libphobos/libdruntime/core/demangle.d
```

Execution times (seconds)

phase setup	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	1161 kB (14%)	ggc
phase parsing	:	0.04 (7%)	usr	0.02 (40%)	sys	0.06 (9%)	wall	938 kB (11%)	ggc
phase generate	:	0.55 (92%)	usr	0.03 (60%)	sys	0.57 (89%)	wall	6134 kB (74%)	ggc
garbage collection	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	0 kB (0%)	ggc
cfg cleanup	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	3 kB (0%)	ggc
CFG verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	0 kB (0%)	ggc
df scan insns	:	0.02 (3%)	usr	0.00 (0%)	sys	0.04 (6%)	wall	4 kB (0%)	ggc
df live regs	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
df reg dead/unused notes	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	77 kB (1%)	ggc
register information	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
inline heuristics	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	23 kB (0%)	ggc
tree gimplify	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	936 kB (11%)	ggc
tree eh	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	90 kB (1%)	ggc
tree CFG construction	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	348 kB (4%)	ggc
tree find ref. vars	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	54 kB (1%)	ggc
tree PHI insertion	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	40 kB (0%)	ggc
tree SSA other	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	7 kB (0%)	ggc
tree SSA verifier	:	0.00 (0%)	usr	0.02 (40%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.01 (2%)	usr	0.01 (20%)	sys	0.02 (3%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
out of ssa	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
expand vars	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	110 kB (1%)	ggc
expand	:	0.05 (8%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	1340 kB (16%)	ggc
post expand cleanups	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	140 kB (2%)	ggc
integrated RA	:	0.18 (30%)	usr	0.00 (0%)	sys	0.10 (16%)	wall	1183 kB (14%)	ggc
reload	:	0.05 (8%)	usr	0.00 (0%)	sys	0.08 (12%)	wall	380 kB (5%)	ggc
thread pro- & epilogue	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	111 kB (1%)	ggc
final	:	0.01 (2%)	usr	0.00 (0%)	sys	0.05 (8%)	wall	180 kB (2%)	ggc
rest of compilation	:	0.04 (7%)	usr	0.00 (0%)	sys	0.04 (6%)	wall	486 kB (6%)	ggc
unaccounted todo	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.05 (8%)	usr	0.00 (0%)	sys	0.04 (6%)	wall	0 kB (0%)	ggc
Module::parse	:	0.01 (2%)	usr	0.02 (40%)	sys	0.02 (3%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	16 kB (0%)	ggc
Module::semantic3	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	898 kB (11%)	ggc
TOTAL	:	0.60		0.05		0.64		8234 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/exception.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././.././../gcc-4.8/libphobos/libdruntime/core/exception.d
```

Execution times (seconds)

phase setup	:	0.01 (10%)	usr	0.00 (0%)	sys	0.02 (13%)	wall	1161 kB (46%)	ggc
phase parsing	:	0.03 (30%)	usr	0.01 (33%)	sys	0.04 (27%)	wall	379 kB (15%)	ggc
phase generate	:	0.06 (60%)	usr	0.02 (67%)	sys	0.09 (60%)	wall	964 kB (38%)	ggc
CFG verifier	:	0.01 (10%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
register information	:	0.00 (0%)	usr	0.01 (33%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (13%)	wall	0 kB (0%)	ggc

out of ssa	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	0 kB (0%)	ggc
expand	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (13%)	wall	137 kB (5%)	ggc
integrated RA	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (13%)	wall	323 kB (13%)	ggc
reload	:	0.01 (10%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	25 kB (1%)	ggc
thread pro- & epilogue	:	0.02 (20%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	54 kB (2%)	ggc
rest of compilation	:	0.01 (10%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	105 kB (4%)	ggc
unaccounted todo	:	0.00 (0%)	usr	0.01 (33%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.01 (10%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	0 kB (0%)	ggc
Module::parse	:	0.01 (10%)	usr	0.01 (33%)	sys	0.02 (13%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (10%)	usr	0.00 (0%)	sys	0.02 (13%)	wall	15 kB (1%)	ggc
Module::genobjfile	:	0.01 (10%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	338 kB (14%)	ggc
TOTAL	:	0.10		0.03		0.15		2505 kB	

```
/home/iaain/src/gdc/build48/objdir/./gcc/gdc -B/home/iaain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/math.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fddeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/core/math.d
```

Execution times (seconds)

phase setup	:	0.02 (100%)	usr	0.00 (0%)	sys	0.01 (50%)	wall	1161 kB (94%)	ggc
phase parsing	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (50%)	wall	47 kB (4%)	ggc
Module::genobjfile	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (50%)	wall	14 kB (1%)	ggc
TOTAL	:	0.02		0.00		0.02		1236 kB	

```
/home/iaain/src/gdc/build48/objdir/./gcc/gdc -B/home/iaain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/memory.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fddeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/core/memory.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (50%)	sys	0.02 (29%)	wall	1161 kB (60%)	ggc
phase parsing	:	0.01 (20%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	147 kB (8%)	ggc
phase generate	:	0.04 (80%)	usr	0.01 (50%)	sys	0.05 (71%)	wall	623 kB (32%)	ggc
callgraph construction	:	0.01 (20%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	18 kB (1%)	ggc
CFG verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (14%)	wall	0 kB (0%)	ggc
tree gimplify	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (14%)	wall	10 kB (1%)	ggc
post expand cleanups	:	0.01 (20%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	17 kB (1%)	ggc
integrated RA	:	0.01 (20%)	usr	0.00 (0%)	sys	0.01 (14%)	wall	270 kB (14%)	ggc
thread pro- & epilogue	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (14%)	wall	41 kB (2%)	ggc
final	:	0.01 (20%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	30 kB (2%)	ggc
rest of compilation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (14%)	wall	55 kB (3%)	ggc
unaccounted todo	:	0.00 (0%)	usr	0.01 (50%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.01 (20%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	113 kB (6%)	ggc
TOTAL	:	0.05		0.02		0.07		1932 kB	

```
/home/iaain/src/gdc/build48/objdir/./gcc/gdc -B/home/iaain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/runtime.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fddeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/core/runtime.d
```

Execution times (seconds)

phase setup	:	0.01 (5%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	1161 kB (32%)	ggc
phase parsing	:	0.06 (30%)	usr	0.00 (0%)	sys	0.06 (27%)	wall	784 kB (22%)	ggc
phase generate	:	0.13 (65%)	usr	0.02 (100%)	sys	0.15 (68%)	wall	1653 kB (46%)	ggc
callgraph construction	:	0.01 (5%)	usr	0.02 (100%)	sys	0.02 (9%)	wall	55 kB (2%)	ggc
df scan insns	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	2 kB (0%)	ggc
tree gimplify	:	0.01 (5%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	150 kB (4%)	ggc
tree eh	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	44 kB (1%)	ggc
tree operand scan	:	0.01 (5%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	58 kB (2%)	ggc
callgraph verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	0 kB (0%)	ggc
expand vars	:	0.01 (5%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	22 kB (1%)	ggc
expand	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (9%)	wall	250 kB (7%)	ggc
integrated RA	:	0.02 (10%)	usr	0.00 (0%)	sys	0.03 (14%)	wall	472 kB (13%)	ggc

reload	:	0.02 (10%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	64 kB (2%)	ggc
thread pro- & epilogue	:	0.01 (5%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	59 kB (2%)	ggc
final	:	0.02 (10%)	usr	0.00 (0%)	sys	0.02 (9%)	wall	64 kB (2%)	ggc
symout	:	0.01 (5%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
rest of compilation	:	0.01 (5%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	124 kB (3%)	ggc
Module::parse	:	0.03 (15%)	usr	0.00 (0%)	sys	0.03 (14%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.02 (10%)	usr	0.00 (0%)	sys	0.02 (9%)	wall	28 kB (1%)	ggc
Module::genobjfile	:	0.01 (5%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	732 kB (20%)	ggc
TOTAL	:	0.20		0.02		0.22		3600 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/simd.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdPRECATED -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/core/simd.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (100%)	sys	0.02 (67%)	wall	1161 kB (95%)	ggc
phase generate	:	0.01 (100%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	27 kB (2%)	ggc
tree SSA other	:	0.01 (100%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
unaccounted todo	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	0 kB (0%)	ggc
TOTAL	:	0.01		0.01		0.03		1228 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/thread.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdPRECATED -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/core/thread.d
```

Execution times (seconds)

phase setup	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	1161 kB (11%)	ggc
phase parsing	:	0.11 (16%)	usr	0.02 (17%)	sys	0.13 (15%)	wall	1573 kB (15%)	ggc
phase generate	:	0.58 (83%)	usr	0.10 (83%)	sys	0.70 (82%)	wall	7682 kB (74%)	ggc
garbage collection	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	0 kB (0%)	ggc
callgraph construction	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	198 kB (2%)	ggc
cfg construction	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	64 kB (1%)	ggc
cfg cleanup	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	1 kB (0%)	ggc
CFG verifier	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	0 kB (0%)	ggc
trivially dead code	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
df scan insns	:	0.02 (3%)	usr	0.01 (8%)	sys	0.01 (1%)	wall	13 kB (0%)	ggc
df live regs	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
register information	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
alias analysis	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	29 kB (0%)	ggc
rebuild jump labels	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
tree gimplify	:	0.03 (4%)	usr	0.00 (0%)	sys	0.03 (4%)	wall	790 kB (8%)	ggc
tree eh	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	242 kB (2%)	ggc
tree CFG cleanup	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	3 kB (0%)	ggc
tree SSA other	:	0.00 (0%)	usr	0.02 (17%)	sys	0.00 (0%)	wall	21 kB (0%)	ggc
tree SSA verifier	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.01 (1%)	usr	0.00 (0%)	sys	0.05 (6%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.00 (0%)	usr	0.01 (8%)	sys	0.02 (2%)	wall	0 kB (0%)	ggc
dominance computation	:	0.03 (4%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
out of ssa	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
expand vars	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	103 kB (1%)	ggc
expand	:	0.04 (6%)	usr	0.00 (0%)	sys	0.06 (7%)	wall	1228 kB (12%)	ggc
post expand cleanups	:	0.02 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	232 kB (2%)	ggc
integrated RA	:	0.10 (14%)	usr	0.03 (25%)	sys	0.11 (13%)	wall	2149 kB (21%)	ggc
reload	:	0.07 (10%)	usr	0.01 (8%)	sys	0.03 (4%)	wall	269 kB (3%)	ggc
thread pro- & epilogue	:	0.00 (0%)	usr	0.01 (8%)	sys	0.01 (1%)	wall	285 kB (3%)	ggc
final	:	0.06 (9%)	usr	0.00 (0%)	sys	0.09 (11%)	wall	310 kB (3%)	ggc
rest of compilation	:	0.05 (7%)	usr	0.00 (0%)	sys	0.07 (8%)	wall	547 kB (5%)	ggc
unaccounted todo	:	0.00 (0%)	usr	0.01 (8%)	sys	0.06 (7%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.03 (4%)	usr	0.00 (0%)	sys	0.03 (4%)	wall	0 kB (0%)	ggc
Module::parse	:	0.06 (9%)	usr	0.01 (8%)	sys	0.06 (7%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.02 (3%)	usr	0.00 (0%)	sys	0.03 (4%)	wall	41 kB (0%)	ggc
Module::semantic3	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	1 kB (0%)	ggc
Module::genobjfile	:	0.02 (3%)	usr	0.01 (8%)	sys	0.03 (4%)	wall	1501 kB (14%)	ggc
TOTAL	:	0.70		0.12		0.85		10417 kB	


```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/time.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_Glibc -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/core/time.d
```

Execution times (seconds)

phase setup	:	0.02 (4%) usr	0.00 (0%) sys	0.01 (2%) wall	1161 kB (16%) ggc
phase parsing	:	0.06 (12%) usr	0.02 (40%) sys	0.09 (17%) wall	753 kB (11%) ggc
phase generate	:	0.40 (83%) usr	0.03 (60%) sys	0.44 (81%) wall	5189 kB (73%) ggc
callgraph construction	:	0.01 (2%) usr	0.00 (0%) sys	0.00 (0%) wall	91 kB (1%) ggc
callgraph optimization	:	0.01 (2%) usr	0.00 (0%) sys	0.00 (0%) wall	179 kB (3%) ggc
cfg cleanup	:	0.01 (2%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
CFG verifier	:	0.04 (8%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
trivially dead code	:	0.01 (2%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
df scan insns	:	0.02 (4%) usr	0.00 (0%) sys	0.04 (7%) wall	10 kB (0%) ggc
df reg dead/unused notes	:	0.01 (2%) usr	0.00 (0%) sys	0.01 (2%) wall	44 kB (1%) ggc
register information	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (2%) wall	0 kB (0%) ggc
tree gimplify	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (2%) wall	458 kB (6%) ggc
tree eh	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (2%) wall	87 kB (1%) ggc
tree CFG cleanup	:	0.01 (2%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
tree find ref. vars	:	0.00 (0%) usr	0.00 (0%) sys	0.02 (4%) wall	20 kB (0%) ggc
tree SSA verifier	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (2%) wall	0 kB (0%) ggc
callgraph verifier	:	0.02 (4%) usr	0.01 (20%) sys	0.02 (4%) wall	0 kB (0%) ggc
dominance computation	:	0.01 (2%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
out of ssa	:	0.01 (2%) usr	0.00 (0%) sys	0.01 (2%) wall	0 kB (0%) ggc
expand	:	0.03 (6%) usr	0.01 (20%) sys	0.02 (4%) wall	812 kB (11%) ggc
post expand cleanups	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (2%) wall	151 kB (2%) ggc
integrated RA	:	0.05 (10%) usr	0.00 (0%) sys	0.09 (17%) wall	1520 kB (21%) ggc
reload	:	0.08 (17%) usr	0.00 (0%) sys	0.05 (9%) wall	254 kB (4%) ggc
thread pro- & epilogue	:	0.03 (6%) usr	0.00 (0%) sys	0.03 (6%) wall	216 kB (3%) ggc
final	:	0.00 (0%) usr	0.00 (0%) sys	0.05 (9%) wall	189 kB (3%) ggc
rest of compilation	:	0.02 (4%) usr	0.01 (20%) sys	0.03 (6%) wall	535 kB (8%) ggc
unaccounted todo	:	0.02 (4%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
verify RTL sharing	:	0.01 (2%) usr	0.00 (0%) sys	0.02 (4%) wall	0 kB (0%) ggc
Module::parse	:	0.03 (6%) usr	0.00 (0%) sys	0.04 (7%) wall	0 kB (0%) ggc
Module::semantic	:	0.01 (2%) usr	0.01 (20%) sys	0.02 (4%) wall	28 kB (0%) ggc
Module::semantic3	:	0.00 (0%) usr	0.01 (20%) sys	0.01 (2%) wall	0 kB (0%) ggc
Module::genobjfile	:	0.02 (4%) usr	0.00 (0%) sys	0.02 (4%) wall	700 kB (10%) ggc
TOTAL	:	0.48	0.05	0.54	7104 kB

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/vararg.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_Glibc -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/core/vararg.d
```

Execution times (seconds)

phase setup	:	0.00 (0%) usr	0.01 (100%) sys	0.02 (40%) wall	1161 kB (95%) ggc
phase parsing	:	0.03 (100%) usr	0.00 (0%) sys	0.02 (40%) wall	39 kB (3%) ggc
phase generate	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (20%) wall	27 kB (2%) ggc
integrated RA	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (20%) wall	12 kB (1%) ggc
Module::parse	:	0.02 (67%) usr	0.00 (0%) sys	0.01 (20%) wall	0 kB (0%) ggc
Module::semantic	:	0.01 (33%) usr	0.00 (0%) sys	0.01 (20%) wall	9 kB (1%) ggc
TOTAL	:	0.03	0.01	0.05	1228 kB

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/sync/barrier.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_Glibc -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/core/sync/barrier.d
```

Execution times (seconds)

phase setup	:	0.02 (25%) usr	0.00 (0%) sys	0.02 (17%) wall	1161 kB (77%) ggc
phase parsing	:	0.04 (50%) usr	0.02 (67%) sys	0.07 (58%) wall	134 kB (9%) ggc

phase generate	:	0.02 (25%)	usr	0.01 (33%)	sys	0.02 (17%)	wall	217 kB (14%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	0 kB (0%)	ggc
CFG verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.01 (12%)	usr	0.01 (33%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
integrated RA	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	62 kB (4%)	ggc
final	:	0.01 (13%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	8 kB (1%)	ggc
Module::parse	:	0.02 (25%)	usr	0.02 (67%)	sys	0.05 (42%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.02 (25%)	usr	0.00 (0%)	sys	0.02 (17%)	wall	31 kB (2%)	ggc
TOTAL	:	0.08		0.03		0.12		1513 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/sync/condition.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/core/sync/condition.d
```

Execution times (seconds)

phase setup	:	0.02 (17%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	1161 kB (57%)	ggc
phase parsing	:	0.05 (42%)	usr	0.01 (50%)	sys	0.07 (47%)	wall	206 kB (10%)	ggc
phase generate	:	0.05 (42%)	usr	0.01 (50%)	sys	0.06 (40%)	wall	663 kB (33%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	0 kB (0%)	ggc
callgraph construction	:	0.01 (8%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	22 kB (1%)	ggc
df scan insns	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	1 kB (0%)	ggc
tree SSA verifier	:	0.00 (0%)	usr	0.01 (50%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	0 kB (0%)	ggc
expand	:	0.01 (8%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	103 kB (5%)	ggc
integrated RA	:	0.02 (17%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	185 kB (9%)	ggc
reload	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	27 kB (1%)	ggc
thread pro- & epilogue	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	29 kB (1%)	ggc
verify RTL sharing	:	0.01 (8%)	usr	0.00 (0%)	sys	0.01 (7%)	wall	0 kB (0%)	ggc
Module::parse	:	0.02 (17%)	usr	0.01 (50%)	sys	0.05 (33%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.02 (17%)	usr	0.00 (0%)	sys	0.02 (13%)	wall	30 kB (1%)	ggc
Module::semantic3	:	0.01 (8%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
TOTAL	:	0.12		0.02		0.15		2031 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/sync/config.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/core/sync/config.d
```

Execution times (seconds)

phase setup	:	0.01 (10%)	usr	0.00 (0%)	sys	0.02 (15%)	wall	1161 kB (63%)	ggc
phase parsing	:	0.05 (50%)	usr	0.02 (67%)	sys	0.06 (46%)	wall	124 kB (7%)	ggc
phase generate	:	0.04 (40%)	usr	0.01 (33%)	sys	0.05 (38%)	wall	562 kB (30%)	ggc
df scan insns	:	0.01 (10%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	1 kB (0%)	ggc
df reg dead/unused notes:	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	4 kB (0%)	ggc
tree SSA verifier	:	0.00 (0%)	usr	0.01 (33%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	0 kB (0%)	ggc
expand	:	0.01 (10%)	usr	0.00 (0%)	sys	0.02 (15%)	wall	81 kB (4%)	ggc
post expand cleanups	:	0.01 (10%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	23 kB (1%)	ggc
final	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	23 kB (1%)	ggc
symout	:	0.01 (10%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::parse	:	0.02 (20%)	usr	0.02 (67%)	sys	0.04 (31%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.02 (20%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	28 kB (2%)	ggc
Module::semantic3	:	0.01 (10%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	0 kB (0%)	ggc
TOTAL	:	0.10		0.03		0.13		1848 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/sync/exception.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/core/sync/exception.d
```

Execution times (seconds)

phase setup	:	0.02 (67%)	usr	0.00 (0%)	sys	0.02 (50%)	wall	1161 kB (86%)	ggc
-------------	---	------------	-----	------------	-----	------------	------	---------------	-----

phase parsing	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (25%)	wall	92 kB (7%)	gpc
phase generate	:	0.01 (33%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	102 kB (8%)	gpc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (25%)	wall	0 kB (0%)	gpc
integrated RA	:	0.01 (33%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	37 kB (3%)	gpc
Module::genobjfile	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (25%)	wall	59 kB (4%)	gpc
TOTAL	:	0.03		0.00		0.04		1356 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/sync/mutex.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_Glibc -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/core/sync/mutex.d
```

Execution times (seconds)									
phase setup	:	0.00 (0%)	usr	0.01 (50%)	sys	0.01 (9%)	wall	1161 kB (64%)	gpc
phase parsing	:	0.05 (56%)	usr	0.00 (0%)	sys	0.05 (45%)	wall	190 kB (11%)	gpc
phase generate	:	0.04 (44%)	usr	0.01 (50%)	sys	0.05 (45%)	wall	462 kB (25%)	gpc
callgraph construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (9%)	wall	29 kB (2%)	gpc
cfg cleanup	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (9%)	wall	0 kB (0%)	gpc
expand	:	0.01 (11%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	72 kB (4%)	gpc
integrated RA	:	0.00 (0%)	usr	0.00 (0%)	sys	0.03 (27%)	wall	111 kB (6%)	gpc
reload	:	0.01 (11%)	usr	0.01 (50%)	sys	0.00 (0%)	wall	18 kB (1%)	gpc
rest of compilation	:	0.01 (11%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	36 kB (2%)	gpc
unaccounted todo	:	0.01 (11%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	gpc
Module::parse	:	0.03 (33%)	usr	0.00 (0%)	sys	0.03 (27%)	wall	0 kB (0%)	gpc
Module::semantic	:	0.02 (22%)	usr	0.00 (0%)	sys	0.02 (18%)	wall	28 kB (2%)	gpc
TOTAL	:	0.09		0.02		0.11		1814 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/sync/rwmutex.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_Glibc -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/core/sync/rwmutex.d
```

Execution times (seconds)									
phase setup	:	0.00 (0%)	usr	0.01 (50%)	sys	0.01 (5%)	wall	1161 kB (41%)	gpc
phase parsing	:	0.07 (41%)	usr	0.00 (0%)	sys	0.07 (37%)	wall	386 kB (14%)	gpc
phase generate	:	0.10 (59%)	usr	0.01 (50%)	sys	0.10 (53%)	wall	1251 kB (45%)	gpc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	0 kB (0%)	gpc
callgraph construction	:	0.01 (6%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	63 kB (2%)	gpc
CFG verifier	:	0.01 (6%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	gpc
df live regs	:	0.01 (6%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	gpc
parser (global)	:	0.01 (6%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	21 kB (1%)	gpc
tree gimplify	:	0.01 (6%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	151 kB (5%)	gpc
tree operand scan	:	0.01 (6%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	35 kB (1%)	gpc
callgraph verifier	:	0.00 (0%)	usr	0.01 (50%)	sys	0.00 (0%)	wall	0 kB (0%)	gpc
expand	:	0.00 (0%)	usr	0.00 (0%)	sys	0.03 (16%)	wall	208 kB (7%)	gpc
integrated RA	:	0.03 (18%)	usr	0.00 (0%)	sys	0.02 (11%)	wall	309 kB (11%)	gpc
reload	:	0.01 (6%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	29 kB (1%)	gpc
final	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	48 kB (2%)	gpc
rest of compilation	:	0.01 (6%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	61 kB (2%)	gpc
unaccounted todo	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	0 kB (0%)	gpc
Module::parse	:	0.03 (18%)	usr	0.00 (0%)	sys	0.04 (21%)	wall	0 kB (0%)	gpc
Module::semantic	:	0.02 (12%)	usr	0.00 (0%)	sys	0.02 (11%)	wall	32 kB (1%)	gpc
Module::genobjfile	:	0.01 (6%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	328 kB (12%)	gpc
TOTAL	:	0.17		0.02		0.19		2799 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o core/sync/semaphore.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_Glibc -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/core/sync/semaphore.d
```

Execution times (seconds)									
phase setup	:	0.01 (8%)	usr	0.00 (0%)	sys	0.02 (12%)	wall	1161 kB (56%)	gpc
phase parsing	:	0.05 (42%)	usr	0.01 (50%)	sys	0.07 (44%)	wall	200 kB (10%)	gpc

phase generate	:	0.06 (50%)	usr	0.01 (50%)	sys	0.06 (38%)	wall	718 kB (35%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	0 kB (0%)	ggc
inline heuristics	:	0.01 (8%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	8 kB (0%)	ggc
tree gimplify	:	0.01 (8%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	73 kB (4%)	ggc
tree find ref. vars	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	2 kB (0%)	ggc
expand	:	0.01 (8%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	110 kB (5%)	ggc
integrated RA	:	0.01 (8%)	usr	0.00 (0%)	sys	0.02 (13%)	wall	197 kB (9%)	ggc
reload	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	27 kB (1%)	ggc
rest of compilation	:	0.02 (17%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	63 kB (3%)	ggc
unaccounted todo	:	0.00 (0%)	usr	0.01 (50%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::parse	:	0.03 (25%)	usr	0.01 (50%)	sys	0.04 (25%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.02 (17%)	usr	0.00 (0%)	sys	0.02 (12%)	wall	30 kB (1%)	ggc
Module::genobjfile	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	147 kB (7%)	ggc
TOTAL	:	0.12		0.02		0.16		2081 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o gc/gc.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/gc/gc.d
```

Execution times (seconds)

phase setup	:	0.01 (6%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	1161 kB (37%)	ggc
phase parsing	:	0.05 (28%)	usr	0.02 (100%)	sys	0.07 (33%)	wall	370 kB (12%)	ggc
phase generate	:	0.12 (67%)	usr	0.00 (0%)	sys	0.12 (57%)	wall	1604 kB (51%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	0 kB (0%)	ggc
cfg cleanup	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	0 kB (0%)	ggc
df scan insns	:	0.01 (6%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	3 kB (0%)	ggc
df live regs	:	0.01 (6%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
parser (global)	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	21 kB (1%)	ggc
tree gimplify	:	0.01 (6%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	142 kB (5%)	ggc
tree SSA other	:	0.01 (6%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	5 kB (0%)	ggc
tree STMT verifier	:	0.01 (6%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
dominance computation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	0 kB (0%)	ggc
expand	:	0.00 (0%)	usr	0.00 (0%)	sys	0.03 (14%)	wall	225 kB (7%)	ggc
integrated RA	:	0.04 (22%)	usr	0.00 (0%)	sys	0.03 (14%)	wall	601 kB (19%)	ggc
thread pro- & epilogue	:	0.01 (6%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	64 kB (2%)	ggc
final	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (10%)	wall	58 kB (2%)	ggc
rest of compilation	:	0.01 (6%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	97 kB (3%)	ggc
verify RTL sharing	:	0.01 (6%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::parse	:	0.03 (17%)	usr	0.01 (50%)	sys	0.03 (14%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.02 (11%)	usr	0.00 (0%)	sys	0.02 (10%)	wall	41 kB (1%)	ggc
Module::semantic3	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (5%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.00 (0%)	usr	0.01 (50%)	sys	0.00 (0%)	wall	306 kB (10%)	ggc
TOTAL	:	0.18		0.02		0.21		3136 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o gc/gcalloc.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c .././././././gcc-4.8/libphobos/libdruntime/gc/gcalloc.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (50%)	sys	0.01 (14%)	wall	1161 kB (84%)	ggc
phase parsing	:	0.03 (75%)	usr	0.01 (50%)	sys	0.03 (43%)	wall	67 kB (5%)	ggc
phase generate	:	0.01 (25%)	usr	0.00 (0%)	sys	0.02 (29%)	wall	150 kB (11%)	ggc
tree gimplify	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (14%)	wall	4 kB (0%)	ggc
integrated RA	:	0.01 (25%)	usr	0.00 (0%)	sys	0.01 (14%)	wall	61 kB (4%)	ggc
Module::parse	:	0.02 (50%)	usr	0.00 (0%)	sys	0.02 (29%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (25%)	usr	0.01 (50%)	sys	0.01 (14%)	wall	20 kB (1%)	ggc
TOTAL	:	0.04		0.02		0.07		1380 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o gc/gcbits.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././././././gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32
```

-c ../../../../gcc-4.8/libphobos/libdruntime/gc/gcbits.d

Execution times (seconds)

phase setup	:	0.01 (9%)	usr	0.00 (0%)	sys	0.02 (15%)	wall	1161 kB (49%)	ggc
phase parsing	:	0.03 (27%)	usr	0.01 (50%)	sys	0.03 (23%)	wall	184 kB (8%)	ggc
phase generate	:	0.07 (64%)	usr	0.01 (50%)	sys	0.08 (62%)	wall	1026 kB (43%)	ggc
tree STMT verifier	:	0.00 (0%)	usr	0.01 (50%)	sys	0.02 (15%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	0 kB (0%)	ggc
out of ssa	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (15%)	wall	0 kB (0%)	ggc
expand	:	0.01 (9%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	158 kB (7%)	ggc
integrated RA	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	273 kB (12%)	ggc
reload	:	0.03 (27%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	60 kB (3%)	ggc
thread pro- & epilogue	:	0.01 (9%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	32 kB (1%)	ggc
final	:	0.01 (9%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	37 kB (2%)	ggc
rest of compilation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (15%)	wall	65 kB (3%)	ggc
verify RTL sharing	:	0.01 (9%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::parse	:	0.01 (9%)	usr	0.01 (50%)	sys	0.01 (8%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (9%)	usr	0.00 (0%)	sys	0.02 (15%)	wall	13 kB (1%)	ggc
Module::genobjfile	:	0.01 (9%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	148 kB (6%)	ggc
TOTAL	:	0.11		0.02		0.13		2373 kB	

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o gc/gcstats.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/gc/gcstats.d

Execution times (seconds)

phase setup	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (50%)	wall	1161 kB (93%)	ggc
phase parsing	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (50%)	wall	64 kB (5%)	ggc
Module::parse	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (50%)	wall	0 kB (0%)	ggc
TOTAL	:	0.02		0.00		0.02		1254 kB	

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o gc/gcx.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/gc/gcx.d

Execution times (seconds)

phase setup	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	1161 kB (7%)	ggc
phase parsing	:	0.12 (10%)	usr	0.02 (33%)	sys	0.14 (10%)	wall	2196 kB (13%)	ggc
phase generate	:	1.09 (89%)	usr	0.04 (67%)	sys	1.16 (87%)	wall	12970 kB (79%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	0 kB (0%)	ggc
garbage collection	:	0.08 (7%)	usr	0.00 (0%)	sys	0.06 (4%)	wall	0 kB (0%)	ggc
callgraph construction	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	250 kB (2%)	ggc
callgraph optimization	:	0.02 (2%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	186 kB (1%)	ggc
cfg construction	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	175 kB (1%)	ggc
cfg cleanup	:	0.02 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	1 kB (0%)	ggc
CFG verifier	:	0.01 (1%)	usr	0.00 (0%)	sys	0.03 (2%)	wall	0 kB (0%)	ggc
trivially dead code	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
df scan insns	:	0.02 (2%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	10 kB (0%)	ggc
df live regs	:	0.03 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
df reg dead/unused notes	:	0.02 (2%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	149 kB (1%)	ggc
register information	:	0.02 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
alias analysis	:	0.02 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	67 kB (0%)	ggc
tree gimplify	:	0.04 (3%)	usr	0.00 (0%)	sys	0.04 (3%)	wall	2059 kB (13%)	ggc
tree CFG cleanup	:	0.01 (1%)	usr	0.01 (17%)	sys	0.06 (4%)	wall	8 kB (0%)	ggc
tree find ref. vars	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	138 kB (1%)	ggc
tree SSA rewrite	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	327 kB (2%)	ggc
tree SSA other	:	0.00 (0%)	usr	0.01 (17%)	sys	0.01 (1%)	wall	16 kB (0%)	ggc
tree operand scan	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	527 kB (3%)	ggc
tree SSA verifier	:	0.08 (7%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.06 (5%)	usr	0.00 (0%)	sys	0.04 (3%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.02 (2%)	usr	0.01 (17%)	sys	0.04 (3%)	wall	0 kB (0%)	ggc
dominance computation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	0 kB (0%)	ggc
out of ssa	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
expand vars	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	279 kB (2%)	ggc

expand	:	0.02 (2%)	usr	0.00 (0%)	sys	0.13 (10%)	wall	2401 kB (15%)	ggc
post expand cleanups	:	0.02 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	316 kB (2%)	ggc
integrated RA	:	0.22 (18%)	usr	0.00 (0%)	sys	0.27 (20%)	wall	2674 kB (16%)	ggc
reload	:	0.04 (3%)	usr	0.00 (0%)	sys	0.11 (8%)	wall	811 kB (5%)	ggc
thread pro- & epilogue	:	0.02 (2%)	usr	0.00 (0%)	sys	0.03 (2%)	wall	262 kB (2%)	ggc
final	:	0.16 (13%)	usr	0.01 (17%)	sys	0.12 (9%)	wall	414 kB (3%)	ggc
rest of compilation	:	0.08 (7%)	usr	0.00 (0%)	sys	0.06 (4%)	wall	686 kB (4%)	ggc
unaccounted todo	:	0.02 (2%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.00 (0%)	usr	0.00 (0%)	sys	0.03 (2%)	wall	0 kB (0%)	ggc
Module::parse	:	0.03 (2%)	usr	0.01 (17%)	sys	0.04 (3%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.02 (2%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	38 kB (0%)	ggc
Module::semantic3	:	0.04 (3%)	usr	0.00 (0%)	sys	0.04 (3%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.03 (2%)	usr	0.01 (17%)	sys	0.04 (3%)	wall	2132 kB (13%)	ggc
TOTAL	:	1.22		0.06		1.34		16329 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o gcc/unwind_pe.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/gcc/unwind_pe.d
```

Execution times (seconds)

phase setup	:	0.02 (29%)	usr	0.00 (0%)	sys	0.03 (27%)	wall	1161 kB (66%)	ggc
phase parsing	:	0.02 (29%)	usr	0.00 (0%)	sys	0.04 (36%)	wall	130 kB (7%)	ggc
phase generate	:	0.03 (43%)	usr	0.02 (100%)	sys	0.04 (36%)	wall	459 kB (26%)	ggc
callgraph optimization	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (9%)	wall	13 kB (1%)	ggc
tree gimplify	:	0.01 (14%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	47 kB (3%)	ggc
integrated RA	:	0.01 (14%)	usr	0.01 (50%)	sys	0.02 (18%)	wall	127 kB (7%)	ggc
reload	:	0.01 (14%)	usr	0.01 (50%)	sys	0.01 (9%)	wall	29 kB (2%)	ggc
Module::parse	:	0.01 (14%)	usr	0.00 (0%)	sys	0.03 (27%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (14%)	usr	0.00 (0%)	sys	0.01 (9%)	wall	13 kB (1%)	ggc
TOTAL	:	0.07		0.02		0.11		1752 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o gcc/deh.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/gcc/deh.d
```

Execution times (seconds)

phase setup	:	0.01 (9%)	usr	0.00 (0%)	sys	0.02 (15%)	wall	1161 kB (49%)	ggc
phase parsing	:	0.03 (27%)	usr	0.01 (50%)	sys	0.04 (31%)	wall	286 kB (12%)	ggc
phase generate	:	0.07 (64%)	usr	0.01 (50%)	sys	0.07 (54%)	wall	912 kB (39%)	ggc
df scan insns	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	1 kB (0%)	ggc
alias analysis	:	0.01 (9%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	6 kB (0%)	ggc
tree gimplify	:	0.01 (9%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	97 kB (4%)	ggc
tree CFG cleanup	:	0.01 (9%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	0 kB (0%)	ggc
dominance computation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	0 kB (0%)	ggc
integrated RA	:	0.01 (9%)	usr	0.01 (50%)	sys	0.02 (15%)	wall	240 kB (10%)	ggc
reload	:	0.01 (9%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	39 kB (2%)	ggc
thread pro- & epilogue	:	0.01 (9%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	24 kB (1%)	ggc
rest of compilation	:	0.01 (9%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	53 kB (2%)	ggc
Module::parse	:	0.01 (9%)	usr	0.01 (50%)	sys	0.02 (15%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.02 (18%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	15 kB (1%)	ggc
Module::genobjfile	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (8%)	wall	247 kB (10%)	ggc
TOTAL	:	0.11		0.02		0.13		2360 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o gcc/threadsem.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/gcc/threadsem.d
```

Execution times (seconds)

phase setup	:	0.01 (17%)	usr	0.00 (0%)	sys	0.02 (25%)	wall	1161 kB (83%)	ggc
phase parsing	:	0.03 (50%)	usr	0.01 (100%)	sys	0.04 (50%)	wall	101 kB (7%)	ggc

phase generate	:	0.02 (33%)	usr	0.00 (0%)	sys	0.01 (12%)	wall	140 kB (10%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (13%)	wall	0 kB (0%)	ggc
expand	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (12%)	wall	16 kB (1%)	ggc
thread pro- & epilogue	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	8 kB (1%)	ggc
rest of compilation	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	12 kB (1%)	ggc
Module::parse	:	0.02 (33%)	usr	0.01 (100%)	sys	0.02 (25%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (17%)	usr	0.00 (0%)	sys	0.02 (25%)	wall	28 kB (2%)	ggc
TOTAL	:	0.06		0.01		0.08		1403 kB	

```
/home/iaain/src/gdc/build48/objdir/./gcc/gdc -B/home/iaain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o gcc/builtins.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/gcc/builtins.d
```

Execution times (seconds)

phase setup	:	0.01 (25%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	1161 kB (95%)	ggc
phase parsing	:	0.03 (75%)	usr	0.00 (0%)	sys	0.03 (60%)	wall	39 kB (3%)	ggc
phase generate	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	27 kB (2%)	ggc
integrated RA	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	12 kB (1%)	ggc
Module::parse	:	0.02 (50%)	usr	0.00 (0%)	sys	0.02 (40%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (25%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	9 kB (1%)	ggc
TOTAL	:	0.04		0.00		0.05		1228 kB	

```
/home/iaain/src/gdc/build48/objdir/./gcc/gdc -B/home/iaain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o gcc/config/mathfuncs.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c x86_64-unknown-linux-gnu/gcc/config/mathfuncs.d
```

Execution times (seconds)

phase setup	:	0.02 (33%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	1161 kB (94%)	ggc
phase parsing	:	0.03 (50%)	usr	0.00 (0%)	sys	0.04 (80%)	wall	45 kB (4%)	ggc
phase generate	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	27 kB (2%)	ggc
final	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	1 kB (0%)	ggc
Module::parse	:	0.02 (33%)	usr	0.00 (0%)	sys	0.02 (40%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (17%)	usr	0.00 (0%)	sys	0.02 (40%)	wall	16 kB (1%)	ggc
TOTAL	:	0.06		0.00		0.05		1235 kB	

```
/home/iaain/src/gdc/build48/objdir/./gcc/gdc -B/home/iaain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o gcc/support.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/gcc/support.d
```

Execution times (seconds)

phase setup	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	1161 kB (92%)	ggc
phase parsing	:	0.01 (50%)	usr	0.01 (100%)	sys	0.01 (33%)	wall	44 kB (4%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	0 kB (0%)	ggc
Module::parse	:	0.00 (0%)	usr	0.01 (100%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	9 kB (1%)	ggc
TOTAL	:	0.02		0.01		0.03		1268 kB	

```
/home/iaain/src/gdc/build48/objdir/./gcc/gdc -B/home/iaain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o gcc/atomics.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos/libdruntime -I ./x86_64-unknown-linux-gnu -I . -m32 -c ../../../../gcc-4.8/libphobos/libdruntime/gcc/atomics.d
```

Execution times (seconds)

phase setup	:	0.01 (25%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	1161 kB (91%)	ggc
phase parsing	:	0.02 (50%)	usr	0.01 (100%)	sys	0.03 (60%)	wall	72 kB (6%)	ggc
phase generate	:	0.01 (25%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	47 kB (4%)	ggc
callgraph construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	20 kB (2%)	ggc

integrated RA	:	0.01 (25%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	12 kB (1%)	ggc
Module::parse	:	0.01 (25%)	usr	0.01 (100%)	sys	0.02 (40%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (25%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	9 kB (1%)	ggc
TOTAL	:	0.04		0.01		0.05		1281 kB	

```
/home/iaian/src/gdc/build48/objdir/.gcc/gdc -B/home/iaian/src/gdc/build48/objdir/.gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/c/linux/linux.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/c/linux/linux.d
```

Execution times (seconds)

phase setup	:	0.01 (17%)	usr	0.00 (0%)	sys	0.01 (12%)	wall	1161 kB (90%)	ggc
phase parsing	:	0.05 (83%)	usr	0.02 (100%)	sys	0.06 (75%)	wall	97 kB (8%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (12%)	wall	0 kB (0%)	ggc
Module::parse	:	0.03 (50%)	usr	0.01 (50%)	sys	0.03 (38%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.02 (33%)	usr	0.01 (50%)	sys	0.03 (38%)	wall	37 kB (3%)	ggc
TOTAL	:	0.06		0.02		0.08		1287 kB	

```
/home/iaian/src/gdc/build48/objdir/.gcc/gdc -B/home/iaian/src/gdc/build48/objdir/.gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/c/unix/unix.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/c/unix/unix.d
```

Execution times (seconds)

phase setup	:	0.01 (14%)	usr	0.00 (0%)	sys	0.02 (25%)	wall	1161 kB (92%)	ggc
phase parsing	:	0.05 (71%)	usr	0.01 (100%)	sys	0.06 (75%)	wall	68 kB (5%)	ggc
phase generate	:	0.01 (14%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	27 kB (2%)	ggc
integrated RA	:	0.01 (14%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	12 kB (1%)	ggc
Module::parse	:	0.03 (43%)	usr	0.01 (100%)	sys	0.03 (38%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.02 (29%)	usr	0.00 (0%)	sys	0.02 (25%)	wall	39 kB (3%)	ggc
Module::semantic2	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (13%)	wall	0 kB (0%)	ggc
TOTAL	:	0.07		0.01		0.08		1258 kB	

```
/home/iaian/src/gdc/build48/objdir/.gcc/gdc -B/home/iaian/src/gdc/build48/objdir/.gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/c/linux/socket.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/c/linux/socket.d
```

Execution times (seconds)

phase setup	:	0.01 (20%)	usr	0.01 (50%)	sys	0.02 (25%)	wall	1161 kB (92%)	ggc
phase parsing	:	0.04 (80%)	usr	0.01 (50%)	sys	0.05 (62%)	wall	72 kB (6%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (13%)	wall	0 kB (0%)	ggc
Module::parse	:	0.02 (40%)	usr	0.01 (50%)	sys	0.03 (38%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.02 (40%)	usr	0.00 (0%)	sys	0.02 (25%)	wall	36 kB (3%)	ggc
TOTAL	:	0.05		0.02		0.08		1261 kB	

```
/home/iaian/src/gdc/build48/objdir/.gcc/gdc -B/home/iaian/src/gdc/build48/objdir/.gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/file.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/file.d
```

Execution times (seconds)

phase setup	:	0.01 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	1161 kB (3%)	ggc
phase parsing	:	0.82 (26%)	usr	0.17 (53%)	sys	0.99 (28%)	wall	5007 kB (15%)	ggc
phase generate	:	2.31 (74%)	usr	0.15 (47%)	sys	2.52 (72%)	wall	27497 kB (82%)	ggc
garbage collection	:	0.13 (4%)	usr	0.00 (0%)	sys	0.14 (4%)	wall	0 kB (0%)	ggc
callgraph construction	:	0.05 (2%)	usr	0.01 (3%)	sys	0.03 (1%)	wall	452 kB (1%)	ggc
callgraph optimization	:	0.02 (1%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	753 kB (2%)	ggc
cfg construction	:	0.03 (1%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	194 kB (1%)	ggc
cfg cleanup	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	6 kB (0%)	ggc

CFG verifier	:	0.08 (3%)	usr	0.01 (3%)	sys	0.09 (3%)	wall	0 kB (0%)	ggc
trivially dead code	:	0.02 (1%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	0 kB (0%)	ggc
df scan insns	:	0.10 (3%)	usr	0.00 (0%)	sys	0.12 (3%)	wall	43 kB (0%)	ggc
df live regs	:	0.04 (1%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	0 kB (0%)	ggc
df reg dead/unused notes	:	0.04 (1%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	258 kB (1%)	ggc
register information	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	0 kB (0%)	ggc
alias analysis	:	0.01 (0%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	113 kB (0%)	ggc
rebuild jump labels	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	0 kB (0%)	ggc
inline heuristics	:	0.01 (0%)	usr	0.01 (3%)	sys	0.01 (0%)	wall	175 kB (1%)	ggc
tree gimplify	:	0.04 (1%)	usr	0.01 (3%)	sys	0.07 (2%)	wall	3133 kB (9%)	ggc
tree eh	:	0.01 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	547 kB (2%)	ggc
tree CFG construction	:	0.02 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	1411 kB (4%)	ggc
tree CFG cleanup	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	12 kB (0%)	ggc
tree find ref. vars	:	0.02 (1%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	177 kB (1%)	ggc
tree PHI insertion	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	150 kB (0%)	ggc
tree SSA other	:	0.02 (1%)	usr	0.01 (3%)	sys	0.01 (0%)	wall	68 kB (0%)	ggc
tree operand scan	:	0.01 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	817 kB (2%)	ggc
tree SSA verifier	:	0.04 (1%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.12 (4%)	usr	0.01 (3%)	sys	0.12 (3%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.07 (2%)	usr	0.01 (3%)	sys	0.09 (3%)	wall	0 kB (0%)	ggc
dominance computation	:	0.01 (0%)	usr	0.02 (6%)	sys	0.02 (1%)	wall	0 kB (0%)	ggc
out of ssa	:	0.03 (1%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
expand vars	:	0.02 (1%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	407 kB (1%)	ggc
expand	:	0.17 (5%)	usr	0.02 (6%)	sys	0.17 (5%)	wall	4794 kB (14%)	ggc
post expand cleanups	:	0.02 (1%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	726 kB (2%)	ggc
varconst	:	0.00 (0%)	usr	0.01 (3%)	sys	0.00 (0%)	wall	6 kB (0%)	ggc
integrated RA	:	0.36 (11%)	usr	0.02 (6%)	sys	0.43 (12%)	wall	7263 kB (22%)	ggc
reload	:	0.25 (8%)	usr	0.01 (3%)	sys	0.24 (7%)	wall	1386 kB (4%)	ggc
thread pro- & epilogue	:	0.14 (4%)	usr	0.00 (0%)	sys	0.13 (4%)	wall	918 kB (3%)	ggc
final	:	0.21 (7%)	usr	0.01 (3%)	sys	0.22 (6%)	wall	986 kB (3%)	ggc
rest of compilation	:	0.12 (4%)	usr	0.00 (0%)	sys	0.15 (4%)	wall	2282 kB (7%)	ggc
unaccounted todo	:	0.02 (1%)	usr	0.00 (0%)	sys	0.07 (2%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.09 (3%)	usr	0.00 (0%)	sys	0.04 (1%)	wall	0 kB (0%)	ggc
Module::parse	:	0.34 (11%)	usr	0.11 (34%)	sys	0.45 (13%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.08 (3%)	usr	0.01 (3%)	sys	0.10 (3%)	wall	69 kB (0%)	ggc
Module::semantic2	:	0.01 (0%)	usr	0.01 (3%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
Module::semantic3	:	0.31 (10%)	usr	0.02 (6%)	sys	0.33 (9%)	wall	2 kB (0%)	ggc
Module::genobjfile	:	0.07 (2%)	usr	0.01 (3%)	sys	0.09 (3%)	wall	4906 kB (15%)	ggc
TOTAL	:	3.14		0.32		3.52		33666 kB	

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/mmfile.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c .././.././gcc-4.8/libphobos/std/mmfile.d

```

Execution times (seconds)

phase setup	:	0.01 (1%)	usr	0.01 (8%)	sys	0.03 (4%)	wall	1161 kB (28%)	ggc
phase parsing	:	0.47 (69%)	usr	0.11 (85%)	sys	0.59 (70%)	wall	551 kB (13%)	ggc
phase generate	:	0.20 (29%)	usr	0.01 (8%)	sys	0.21 (25%)	wall	2487 kB (59%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
CFG verifier	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
df scan insns	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	3 kB (0%)	ggc
df live regs	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
alias analysis	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	11 kB (0%)	ggc
tree gimplify	:	0.02 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	247 kB (6%)	ggc
tree CFG cleanup	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	1 kB (0%)	ggc
tree find ref. vars	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	10 kB (0%)	ggc
tree SSA other	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	6 kB (0%)	ggc
expand	:	0.03 (4%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	416 kB (10%)	ggc
integrated RA	:	0.03 (4%)	usr	0.01 (8%)	sys	0.02 (2%)	wall	750 kB (18%)	ggc
reload	:	0.03 (4%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	125 kB (3%)	ggc
thread pro- & epilogue	:	0.02 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	95 kB (2%)	ggc
final	:	0.00 (0%)	usr	0.00 (0%)	sys	0.03 (4%)	wall	91 kB (2%)	ggc
rest of compilation	:	0.04 (6%)	usr	0.00 (0%)	sys	0.04 (5%)	wall	211 kB (5%)	ggc
unaccounted todo	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
Module::parse	:	0.38 (56%)	usr	0.07 (54%)	sys	0.46 (55%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.07 (10%)	usr	0.03 (23%)	sys	0.10 (12%)	wall	71 kB (2%)	ggc
Module::semantic2	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc

Module::semantic3	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.00 (0%)	usr	0.01 (8%)	sys	0.01 (1%)	wall	456 kB (11%)	ggc
TOTAL	:	0.68		0.13		0.84		4200 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/path.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/path.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (8%)	sys	0.02 (2%)	wall	1161 kB (29%)	ggc
phase parsing	:	0.48 (73%)	usr	0.11 (85%)	sys	0.60 (74%)	wall	506 kB (13%)	ggc
phase generate	:	0.18 (27%)	usr	0.01 (8%)	sys	0.19 (23%)	wall	2304 kB (58%)	ggc
callgraph construction	:	0.02 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	46 kB (1%)	ggc
cfg cleanup	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
CFG verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
df scan insns	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	3 kB (0%)	ggc
alias analysis	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	10 kB (0%)	ggc
tree CFG cleanup	:	0.01 (2%)	usr	0.00 (0%)	sys	0.03 (4%)	wall	2 kB (0%)	ggc
tree operand scan	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	62 kB (2%)	ggc
tree STMT verifier	:	0.01 (2%)	usr	0.01 (8%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
dominance computation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
expand vars	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	38 kB (1%)	ggc
expand	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	374 kB (9%)	ggc
post expand cleanups	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	58 kB (1%)	ggc
integrated RA	:	0.04 (6%)	usr	0.00 (0%)	sys	0.03 (4%)	wall	610 kB (15%)	ggc
reload	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	105 kB (3%)	ggc
thread pro- & epilogue	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	79 kB (2%)	ggc
final	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	91 kB (2%)	ggc
rest of compilation	:	0.02 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	198 kB (5%)	ggc
unaccounted todo	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
Module::parse	:	0.36 (55%)	usr	0.10 (77%)	sys	0.46 (57%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.09 (14%)	usr	0.01 (8%)	sys	0.10 (12%)	wall	69 kB (2%)	ggc
Module::semantic2	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
Module::semantic3	:	0.02 (3%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	414 kB (10%)	ggc
TOTAL	:	0.66		0.13		0.81		3972 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/perf.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/perf.d
```

Execution times (seconds)

phase setup	:	0.02 (29%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	1161 kB (68%)	ggc
phase parsing	:	0.01 (14%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	139 kB (8%)	ggc
phase generate	:	0.04 (57%)	usr	0.00 (0%)	sys	0.04 (67%)	wall	417 kB (24%)	ggc
CFG verifier	:	0.02 (29%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
trivially dead code	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.01 (14%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	0 kB (0%)	ggc
integrated RA	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	123 kB (7%)	ggc
reload	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	13 kB (1%)	ggc
final	:	0.01 (14%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	16 kB (1%)	ggc
Module::parse	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (14%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	10 kB (1%)	ggc
TOTAL	:	0.07		0.00		0.06		1719 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/process.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I
```

./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/process.d

Execution times (seconds)

phase setup	:	0.01 (1%) usr	0.00 (0%) sys	0.01 (0%) wall	1161 kB (6%) ggc
phase parsing	:	0.50 (27%) usr	0.12 (60%) sys	0.61 (29%) wall	2523 kB (13%) ggc
phase generate	:	1.35 (73%) usr	0.08 (40%) sys	1.46 (70%) wall	16179 kB (81%) ggc
garbage collection	:	0.08 (4%) usr	0.01 (5%) sys	0.08 (4%) wall	0 kB (0%) ggc
callgraph construction	:	0.01 (1%) usr	0.00 (0%) sys	0.01 (0%) wall	271 kB (1%) ggc
callgraph optimization	:	0.03 (2%) usr	0.01 (5%) sys	0.01 (0%) wall	435 kB (2%) ggc
cfg cleanup	:	0.01 (1%) usr	0.00 (0%) sys	0.00 (0%) wall	2 kB (0%) ggc
CFG verifier	:	0.02 (1%) usr	0.00 (0%) sys	0.02 (1%) wall	0 kB (0%) ggc
trivially dead code	:	0.00 (0%) usr	0.00 (0%) sys	0.02 (1%) wall	0 kB (0%) ggc
df scan insns	:	0.02 (1%) usr	0.00 (0%) sys	0.04 (2%) wall	24 kB (0%) ggc
df live regs	:	0.01 (1%) usr	0.00 (0%) sys	0.01 (0%) wall	0 kB (0%) ggc
df reg dead/unused notes	:	0.01 (1%) usr	0.00 (0%) sys	0.00 (0%) wall	152 kB (1%) ggc
alias analysis	:	0.00 (0%) usr	0.00 (0%) sys	0.02 (1%) wall	72 kB (0%) ggc
rebuild jump labels	:	0.01 (1%) usr	0.00 (0%) sys	0.02 (1%) wall	0 kB (0%) ggc
tree gimplify	:	0.03 (2%) usr	0.00 (0%) sys	0.04 (2%) wall	1929 kB (10%) ggc
tree eh	:	0.01 (1%) usr	0.00 (0%) sys	0.02 (1%) wall	274 kB (1%) ggc
tree CFG construction	:	0.00 (0%) usr	0.01 (5%) sys	0.00 (0%) wall	815 kB (4%) ggc
tree CFG cleanup	:	0.00 (0%) usr	0.00 (0%) sys	0.02 (1%) wall	5 kB (0%) ggc
tree find ref. vars	:	0.01 (1%) usr	0.00 (0%) sys	0.00 (0%) wall	109 kB (1%) ggc
tree PHI insertion	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (0%) wall	90 kB (0%) ggc
tree SSA other	:	0.01 (1%) usr	0.00 (0%) sys	0.03 (1%) wall	39 kB (0%) ggc
tree SSA verifier	:	0.01 (1%) usr	0.00 (0%) sys	0.03 (1%) wall	0 kB (0%) ggc
tree STMT verifier	:	0.06 (3%) usr	0.00 (0%) sys	0.07 (3%) wall	0 kB (0%) ggc
callgraph verifier	:	0.04 (2%) usr	0.00 (0%) sys	0.06 (3%) wall	0 kB (0%) ggc
dominance computation	:	0.01 (1%) usr	0.00 (0%) sys	0.01 (0%) wall	0 kB (0%) ggc
out of ssa	:	0.03 (2%) usr	0.00 (0%) sys	0.02 (1%) wall	0 kB (0%) ggc
expand vars	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (0%) wall	247 kB (1%) ggc
expand	:	0.13 (7%) usr	0.02 (10%) sys	0.11 (5%) wall	2783 kB (14%) ggc
post expand cleanups	:	0.02 (1%) usr	0.00 (0%) sys	0.01 (0%) wall	415 kB (2%) ggc
integrated RA	:	0.29 (16%) usr	0.02 (10%) sys	0.34 (16%) wall	4345 kB (22%) ggc
reload	:	0.16 (9%) usr	0.00 (0%) sys	0.13 (6%) wall	778 kB (4%) ggc
thread pro- & epilogue	:	0.09 (5%) usr	0.00 (0%) sys	0.02 (1%) wall	526 kB (3%) ggc
final	:	0.12 (6%) usr	0.00 (0%) sys	0.12 (6%) wall	568 kB (3%) ggc
rest of compilation	:	0.08 (4%) usr	0.00 (0%) sys	0.09 (4%) wall	1353 kB (7%) ggc
unaccounted todo	:	0.04 (2%) usr	0.01 (5%) sys	0.03 (1%) wall	0 kB (0%) ggc
verify RTL sharing	:	0.01 (1%) usr	0.00 (0%) sys	0.06 (3%) wall	0 kB (0%) ggc
Module::parse	:	0.20 (11%) usr	0.06 (30%) sys	0.26 (12%) wall	0 kB (0%) ggc
Module::semantic	:	0.07 (4%) usr	0.01 (5%) sys	0.08 (4%) wall	57 kB (0%) ggc
Module::semantic2	:	0.01 (1%) usr	0.00 (0%) sys	0.01 (0%) wall	0 kB (0%) ggc
Module::semantic3	:	0.18 (10%) usr	0.04 (20%) sys	0.21 (10%) wall	3 kB (0%) ggc
Module::genobjfile	:	0.04 (2%) usr	0.01 (5%) sys	0.05 (2%) wall	2436 kB (12%) ggc
TOTAL	:	1.86	0.20	2.08	19865 kB

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/socket.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/socket.d

Execution times (seconds)

phase setup	:	0.01 (0%) usr	0.00 (0%) sys	0.02 (1%) wall	1161 kB (4%) ggc
phase parsing	:	0.65 (24%) usr	0.12 (48%) sys	0.77 (25%) wall	4880 kB (16%) ggc
phase generate	:	2.08 (76%) usr	0.13 (52%) sys	2.26 (74%) wall	24282 kB (80%) ggc
garbage collection	:	0.13 (5%) usr	0.00 (0%) sys	0.14 (5%) wall	0 kB (0%) ggc
callgraph construction	:	0.02 (1%) usr	0.01 (4%) sys	0.03 (1%) wall	507 kB (2%) ggc
callgraph optimization	:	0.01 (0%) usr	0.00 (0%) sys	0.02 (1%) wall	689 kB (2%) ggc
cfg cleanup	:	0.01 (0%) usr	0.00 (0%) sys	0.01 (0%) wall	4 kB (0%) ggc
CFG verifier	:	0.08 (3%) usr	0.00 (0%) sys	0.07 (2%) wall	0 kB (0%) ggc
trivially dead code	:	0.03 (1%) usr	0.00 (0%) sys	0.03 (1%) wall	0 kB (0%) ggc
df scan insns	:	0.08 (3%) usr	0.02 (8%) sys	0.07 (2%) wall	39 kB (0%) ggc
df live regs	:	0.01 (0%) usr	0.00 (0%) sys	0.02 (1%) wall	0 kB (0%) ggc
df reg dead/unused notes	:	0.02 (1%) usr	0.00 (0%) sys	0.03 (1%) wall	218 kB (1%) ggc
register information	:	0.00 (0%) usr	0.01 (4%) sys	0.01 (0%) wall	0 kB (0%) ggc
alias analysis	:	0.01 (0%) usr	0.00 (0%) sys	0.03 (1%) wall	100 kB (0%) ggc
rebuild jump labels	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (0%) wall	0 kB (0%) ggc
inline heuristics	:	0.01 (0%) usr	0.00 (0%) sys	0.03 (1%) wall	162 kB (1%) ggc
tree gimplify	:	0.10 (4%) usr	0.01 (4%) sys	0.09 (3%) wall	2694 kB (9%) ggc

tree eh	:	0.01 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	447 kB (1%)	ggc
tree CFG construction	:	0.01 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	1215 kB (4%)	ggc
tree CFG cleanup	:	0.03 (1%)	usr	0.00 (0%)	sys	0.04 (1%)	wall	8 kB (0%)	ggc
tree find ref. vars	:	0.01 (0%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	149 kB (0%)	ggc
tree PHI insertion	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	114 kB (0%)	ggc
tree SSA rewrite	:	0.00 (0%)	usr	0.01 (4%)	sys	0.00 (0%)	wall	361 kB (1%)	ggc
tree SSA other	:	0.04 (1%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	62 kB (0%)	ggc
tree SSA verifier	:	0.02 (1%)	usr	0.00 (0%)	sys	0.06 (2%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.04 (1%)	usr	0.01 (4%)	sys	0.04 (1%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.09 (3%)	usr	0.00 (0%)	sys	0.09 (3%)	wall	0 kB (0%)	ggc
dominance computation	:	0.03 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
out of ssa	:	0.01 (0%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	0 kB (0%)	ggc
expand vars	:	0.01 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	302 kB (1%)	ggc
expand	:	0.19 (7%)	usr	0.01 (4%)	sys	0.16 (5%)	wall	4147 kB (14%)	ggc
post expand cleanups	:	0.04 (1%)	usr	0.00 (0%)	sys	0.04 (1%)	wall	679 kB (2%)	ggc
integrated RA	:	0.40 (15%)	usr	0.02 (8%)	sys	0.42 (14%)	wall	6544 kB (22%)	ggc
reload	:	0.16 (6%)	usr	0.00 (0%)	sys	0.15 (5%)	wall	1196 kB (4%)	ggc
thread pro- & epilogue	:	0.12 (4%)	usr	0.02 (8%)	sys	0.09 (3%)	wall	851 kB (3%)	ggc
final	:	0.18 (7%)	usr	0.01 (4%)	sys	0.20 (7%)	wall	883 kB (3%)	ggc
symout	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
rest of compilation	:	0.14 (5%)	usr	0.00 (0%)	sys	0.21 (7%)	wall	2029 kB (7%)	ggc
unaccounted todo	:	0.02 (1%)	usr	0.00 (0%)	sys	0.04 (1%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.04 (1%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	0 kB (0%)	ggc
Module::parse	:	0.22 (8%)	usr	0.04 (16%)	sys	0.26 (9%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.07 (3%)	usr	0.01 (4%)	sys	0.07 (2%)	wall	52 kB (0%)	ggc
Module::semantic2	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
Module::semantic3	:	0.29 (11%)	usr	0.05 (20%)	sys	0.34 (11%)	wall	2 kB (0%)	ggc
Module::genobjfile	:	0.05 (2%)	usr	0.02 (8%)	sys	0.07 (2%)	wall	4790 kB (16%)	ggc
TOTAL	:	2.74		0.25		3.05		30324 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/socketstream.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c .././.././gcc-4.8/libphobos/std/socketstream.d
```

Execution times (seconds)

phase setup	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	1161 kB (52%)	ggc
phase parsing	:	0.51 (93%)	usr	0.10 (83%)	sys	0.60 (90%)	wall	557 kB (25%)	ggc
phase generate	:	0.03 (5%)	usr	0.02 (17%)	sys	0.05 (7%)	wall	527 kB (23%)	ggc
cfg cleanup	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
tree CFG cleanup	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.00 (0%)	usr	0.01 (8%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
integrated RA	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	137 kB (6%)	ggc
reload	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	17 kB (1%)	ggc
thread pro- & epilogue	:	0.00 (0%)	usr	0.01 (8%)	sys	0.00 (0%)	wall	20 kB (1%)	ggc
rest of compilation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	33 kB (1%)	ggc
unaccounted todo	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	0 kB (0%)	ggc
Module::parse	:	0.38 (69%)	usr	0.09 (75%)	sys	0.47 (70%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.11 (20%)	usr	0.01 (8%)	sys	0.11 (16%)	wall	80 kB (4%)	ggc
Module::semantic2	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
Module::semantic3	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	454 kB (20%)	ggc
TOTAL	:	0.55		0.12		0.67		2246 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/algorithm.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c .././.././gcc-4.8/libphobos/std/algorithm.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (20%)	sys	0.02 (6%)	wall	1161 kB (90%)	ggc
phase parsing	:	0.26 (100%)	usr	0.04 (80%)	sys	0.30 (91%)	wall	96 kB (7%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	0 kB (0%)	ggc
Module::parse	:	0.20 (77%)	usr	0.03 (60%)	sys	0.23 (70%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.05 (19%)	usr	0.01 (20%)	sys	0.06 (18%)	wall	21 kB (2%)	ggc

```
Module::semantic2      :   0.01 ( 4%) usr   0.00 ( 0%) sys   0.01 ( 3%) wall       0 kB ( 0%) ggc
TOTAL                  :   0.26          0.05          0.33          1292 kB
```

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/array.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdPRECATED -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/array.d
```

Execution times (seconds)

```
phase setup           :   0.01 ( 4%) usr   0.00 ( 0%) sys   0.02 ( 6%) wall    1161 kB (92%) ggc
phase parsing         :   0.23 (92%) usr   0.06 (100%) sys   0.29 (91%) wall     75 kB ( 6%) ggc
phase generate        :   0.01 ( 4%) usr   0.00 ( 0%) sys   0.01 ( 3%) wall     28 kB ( 2%) ggc
rest of compilation   :   0.00 ( 0%) usr   0.00 ( 0%) sys   0.01 ( 3%) wall     2 kB ( 0%) ggc
unaccounted todo      :   0.01 ( 4%) usr   0.00 ( 0%) sys   0.00 ( 0%) wall     0 kB ( 0%) ggc
Module::parse         :   0.18 (72%) usr   0.05 (83%) sys   0.23 (72%) wall     0 kB ( 0%) ggc
Module::semantic      :   0.05 (20%) usr   0.01 (17%) sys   0.06 (19%) wall    21 kB ( 2%) ggc
TOTAL                 :   0.25          0.06          0.32          1266 kB
```

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/ascii.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdPRECATED -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/ascii.d
```

Execution times (seconds)

```
phase setup           :   0.01 (14%) usr   0.00 ( 0%) sys   0.01 (13%) wall    1161 kB (57%) ggc
phase parsing         :   0.01 (14%) usr   0.00 ( 0%) sys   0.01 (13%) wall    141 kB ( 7%) ggc
phase generate        :   0.05 (71%) usr   0.01 (100%) sys   0.06 (75%) wall    722 kB (36%) ggc
callgraph construction :   0.00 ( 0%) usr   0.00 ( 0%) sys   0.01 (13%) wall    16 kB ( 1%) ggc
callgraph optimization :   0.01 (14%) usr   0.00 ( 0%) sys   0.00 ( 0%) wall    30 kB ( 1%) ggc
df scan insns        :   0.00 ( 0%) usr   0.00 ( 0%) sys   0.01 (12%) wall     1 kB ( 0%) ggc
tree gimplify         :   0.00 ( 0%) usr   0.00 ( 0%) sys   0.01 (12%) wall    76 kB ( 4%) ggc
integrated RA         :   0.02 (29%) usr   0.01 (100%) sys   0.02 (25%) wall    222 kB (11%) ggc
reload               :   0.00 ( 0%) usr   0.00 ( 0%) sys   0.01 (12%) wall    12 kB ( 1%) ggc
final                 :   0.01 (14%) usr   0.00 ( 0%) sys   0.00 ( 0%) wall    38 kB ( 2%) ggc
unaccounted todo      :   0.01 (14%) usr   0.00 ( 0%) sys   0.00 ( 0%) wall     0 kB ( 0%) ggc
Module::parse         :   0.01 (14%) usr   0.00 ( 0%) sys   0.01 (13%) wall     0 kB ( 0%) ggc
TOTAL                 :   0.07          0.01          0.08          2026 kB
```

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/base64.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdPRECATED -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/base64.d
```

Execution times (seconds)

```
phase setup           :   0.00 ( 0%) usr   0.01 (12%) sys   0.01 ( 3%) wall    1161 kB (80%) ggc
phase parsing         :   0.24 (96%) usr   0.06 (75%) sys   0.30 (88%) wall    119 kB ( 8%) ggc
phase generate        :   0.01 ( 4%) usr   0.01 (12%) sys   0.02 ( 6%) wall    165 kB (11%) ggc
phase finalize        :   0.00 ( 0%) usr   0.00 ( 0%) sys   0.01 ( 3%) wall     0 kB ( 0%) ggc
callgraph construction :   0.00 ( 0%) usr   0.00 ( 0%) sys   0.01 ( 3%) wall     5 kB ( 0%) ggc
parser (global)       :   0.01 ( 4%) usr   0.00 ( 0%) sys   0.00 ( 0%) wall    21 kB ( 2%) ggc
tree operand scan     :   0.00 ( 0%) usr   0.01 (12%) sys   0.00 ( 0%) wall     5 kB ( 0%) ggc
integrated RA         :   0.01 ( 4%) usr   0.00 ( 0%) sys   0.00 ( 0%) wall    61 kB ( 4%) ggc
final                 :   0.00 ( 0%) usr   0.00 ( 0%) sys   0.01 ( 3%) wall     8 kB ( 1%) ggc
Module::parse         :   0.18 (72%) usr   0.05 (62%) sys   0.23 (68%) wall     0 kB ( 0%) ggc
Module::semantic      :   0.05 (20%) usr   0.01 (13%) sys   0.06 (18%) wall    21 kB ( 2%) ggc
Module::semantic2     :   0.00 ( 0%) usr   0.00 ( 0%) sys   0.01 ( 3%) wall     0 kB ( 0%) ggc
TOTAL                 :   0.25          0.08          0.34          1447 kB
```

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/bigint.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe
```

```
-fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I
./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/bigint.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (6%)	sys	0.01 (1%)	wall	1161 kB (8%)	ggc
phase parsing	:	0.45 (32%)	usr	0.08 (56%)	sys	0.53 (33%)	wall	1914 kB (13%)	ggc
phase generate	:	0.97 (68%)	usr	0.07 (44%)	sys	1.08 (67%)	wall	11381 kB (79%)	ggc
garbage collection	:	0.04 (3%)	usr	0.00 (0%)	sys	0.03 (2%)	wall	0 kB (0%)	ggc
callgraph construction	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	186 kB (1%)	ggc
callgraph optimization	:	0.01 (1%)	usr	0.01 (6%)	sys	0.01 (1%)	wall	276 kB (2%)	ggc
cfg construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	79 kB (1%)	ggc
CFG verifier	:	0.05 (4%)	usr	0.01 (6%)	sys	0.04 (2%)	wall	0 kB (0%)	ggc
trivially dead code	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
df scan insns	:	0.08 (6%)	usr	0.00 (0%)	sys	0.04 (2%)	wall	15 kB (0%)	ggc
df live regs	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	0 kB (0%)	ggc
df reg dead/unused notes:	:	0.02 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	108 kB (1%)	ggc
register information	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
tree gimplify	:	0.01 (1%)	usr	0.01 (6%)	sys	0.02 (1%)	wall	1445 kB (10%)	ggc
tree eh	:	0.02 (1%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	186 kB (1%)	ggc
tree CFG construction	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	589 kB (4%)	ggc
tree CFG cleanup	:	0.00 (0%)	usr	0.00 (0%)	sys	0.03 (2%)	wall	4 kB (0%)	ggc
tree SSA other	:	0.02 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	25 kB (0%)	ggc
tree SSA verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.04 (2%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.03 (2%)	usr	0.00 (0%)	sys	0.04 (2%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.02 (1%)	usr	0.01 (6%)	sys	0.02 (1%)	wall	0 kB (0%)	ggc
dominance computation	:	0.02 (1%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	0 kB (0%)	ggc
out of ssa	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
expand vars	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	179 kB (1%)	ggc
expand	:	0.08 (6%)	usr	0.00 (0%)	sys	0.09 (6%)	wall	2023 kB (14%)	ggc
post expand cleanups	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	274 kB (2%)	ggc
integrated RA	:	0.19 (13%)	usr	0.02 (12%)	sys	0.26 (16%)	wall	2853 kB (20%)	ggc
reload	:	0.10 (7%)	usr	0.00 (0%)	sys	0.09 (6%)	wall	629 kB (4%)	ggc
thread pro- & epilogue	:	0.02 (1%)	usr	0.00 (0%)	sys	0.03 (2%)	wall	336 kB (2%)	ggc
final	:	0.12 (8%)	usr	0.00 (0%)	sys	0.12 (7%)	wall	383 kB (3%)	ggc
rest of compilation	:	0.04 (3%)	usr	0.01 (6%)	sys	0.07 (4%)	wall	950 kB (7%)	ggc
unaccounted todo	:	0.03 (2%)	usr	0.00 (0%)	sys	0.03 (2%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
Module::parse	:	0.19 (13%)	usr	0.05 (31%)	sys	0.25 (15%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.07 (5%)	usr	0.00 (0%)	sys	0.06 (4%)	wall	24 kB (0%)	ggc
Module::semantic2	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
Module::semantic3	:	0.16 (11%)	usr	0.02 (13%)	sys	0.17 (10%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.03 (2%)	usr	0.01 (6%)	sys	0.04 (2%)	wall	1864 kB (13%)	ggc
TOTAL	:	1.42		0.16		1.62		14458 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-
unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-
gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/bitmanip.o -ftime-report
-fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe
-fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I
./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/bitmanip.d
```

Execution times (seconds)

phase setup	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	1161 kB (23%)	ggc
phase parsing	:	0.23 (48%)	usr	0.08 (67%)	sys	0.30 (49%)	wall	550 kB (11%)	ggc
phase generate	:	0.24 (50%)	usr	0.04 (33%)	sys	0.29 (48%)	wall	3405 kB (67%)	ggc
callgraph construction	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	49 kB (1%)	ggc
callgraph optimization	:	0.02 (4%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	88 kB (2%)	ggc
cfg construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	15 kB (0%)	ggc
CFG verifier	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
trivially dead code	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	0 kB (0%)	ggc
df scan insns	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	5 kB (0%)	ggc
df live regs	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
df reg dead/unused notes:	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	35 kB (1%)	ggc
tree gimplify	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	420 kB (8%)	ggc
tree eh	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	63 kB (1%)	ggc
tree CFG cleanup	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
tree SSA verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.00 (0%)	usr	0.01 (8%)	sys	0.03 (5%)	wall	0 kB (0%)	ggc
dominance computation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
expand	:	0.02 (4%)	usr	0.00 (0%)	sys	0.05 (8%)	wall	555 kB (11%)	ggc
post expand cleanups	:	0.00 (0%)	usr	0.01 (8%)	sys	0.01 (2%)	wall	78 kB (2%)	ggc

integrated RA	:	0.07 (15%)	usr	0.01 (8%)	sys	0.03 (5%)	wall	903 kB (18%)	ggc
reload	:	0.02 (4%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	183 kB (4%)	ggc
thread pro- & epilogue	:	0.02 (4%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	122 kB (2%)	ggc
final	:	0.03 (6%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	123 kB (2%)	ggc
rest of compilation	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	270 kB (5%)	ggc
unaccounted todo	:	0.00 (0%)	usr	0.01 (8%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::parse	:	0.17 (35%)	usr	0.06 (50%)	sys	0.23 (38%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.04 (8%)	usr	0.02 (17%)	sys	0.05 (8%)	wall	21 kB (0%)	ggc
Module::semantic2	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	505 kB (10%)	ggc
TOTAL	:	0.48		0.12		0.61		5117 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/compiler.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdPRECATED -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/compiler.d
```

Execution times (seconds)

phase setup	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (50%)	wall	1161 kB (93%)	ggc
phase parsing	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (50%)	wall	59 kB (5%)	ggc
varconst	:	0.01 (50%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	1 kB (0%)	ggc
Module::semantic	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (50%)	wall	9 kB (1%)	ggc
TOTAL	:	0.02		0.00		0.02		1252 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/container.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdPRECATED -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/container.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (11%)	sys	0.02 (6%)	wall	1161 kB (92%)	ggc
phase parsing	:	0.22 (100%)	usr	0.08 (89%)	sys	0.30 (94%)	wall	75 kB (6%)	ggc
Module::parse	:	0.16 (73%)	usr	0.07 (78%)	sys	0.23 (72%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.05 (23%)	usr	0.01 (11%)	sys	0.06 (19%)	wall	21 kB (2%)	ggc
Module::semantic2	:	0.01 (5%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	0 kB (0%)	ggc
TOTAL	:	0.22		0.09		0.32		1266 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/complex.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdPRECATED -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/complex.d
```

Execution times (seconds)

phase setup	:	0.01 (4%)	usr	0.00 (0%)	sys	0.02 (5%)	wall	1161 kB (89%)	ggc
phase parsing	:	0.25 (96%)	usr	0.10 (91%)	sys	0.36 (95%)	wall	115 kB (9%)	ggc
phase generate	:	0.00 (0%)	usr	0.01 (9%)	sys	0.00 (0%)	wall	29 kB (2%)	ggc
final	:	0.00 (0%)	usr	0.01 (9%)	sys	0.00 (0%)	wall	1 kB (0%)	ggc
Module::parse	:	0.18 (69%)	usr	0.09 (82%)	sys	0.27 (71%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.07 (27%)	usr	0.01 (9%)	sys	0.08 (21%)	wall	39 kB (3%)	ggc
Module::genobjfile	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	53 kB (4%)	ggc
TOTAL	:	0.26		0.11		0.38		1306 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/concurrency.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdPRECATED -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/concurrency.d
```

Execution times (seconds)

phase setup	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	1161 kB (6%)	ggc
phase parsing	:	0.55 (28%)	usr	0.11 (50%)	sys	0.67 (31%)	wall	2777 kB (14%)	ggc

phase generate	:	1.37 (71%)	usr	0.11 (50%)	sys	1.51 (69%)	wall	16488 kB (81%)	ggc
garbage collection	:	0.09 (5%)	usr	0.00 (0%)	sys	0.08 (4%)	wall	0 kB (0%)	ggc
callgraph construction	:	0.03 (2%)	usr	0.01 (5%)	sys	0.03 (1%)	wall	323 kB (2%)	ggc
callgraph optimization	:	0.00 (0%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	469 kB (2%)	ggc
cfg construction	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	102 kB (1%)	ggc
cfg cleanup	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	2 kB (0%)	ggc
CFG verifier	:	0.09 (5%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	0 kB (0%)	ggc
trivially dead code	:	0.02 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
df scan insns	:	0.04 (2%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	26 kB (0%)	ggc
df live regs	:	0.04 (2%)	usr	0.00 (0%)	sys	0.05 (2%)	wall	0 kB (0%)	ggc
df reg dead/unused notes	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	149 kB (1%)	ggc
register information	:	0.00 (0%)	usr	0.01 (5%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
alias analysis	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	72 kB (0%)	ggc
rebuild jump labels	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
inline heuristics	:	0.02 (1%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	120 kB (1%)	ggc
tree gimplify	:	0.04 (2%)	usr	0.00 (0%)	sys	0.06 (3%)	wall	1849 kB (9%)	ggc
tree CFG construction	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	832 kB (4%)	ggc
tree CFG cleanup	:	0.03 (2%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	5 kB (0%)	ggc
tree SSA other	:	0.00 (0%)	usr	0.02 (9%)	sys	0.03 (1%)	wall	42 kB (0%)	ggc
tree STMT verifier	:	0.05 (3%)	usr	0.01 (5%)	sys	0.02 (1%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.03 (2%)	usr	0.01 (5%)	sys	0.05 (2%)	wall	0 kB (0%)	ggc
dominance computation	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
out of ssa	:	0.02 (1%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	0 kB (0%)	ggc
expand vars	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	254 kB (1%)	ggc
expand	:	0.15 (8%)	usr	0.01 (5%)	sys	0.13 (6%)	wall	2852 kB (14%)	ggc
integrated RA	:	0.23 (12%)	usr	0.01 (5%)	sys	0.27 (12%)	wall	4495 kB (22%)	ggc
reload	:	0.10 (5%)	usr	0.01 (5%)	sys	0.15 (7%)	wall	778 kB (4%)	ggc
thread pro- & epilogue	:	0.05 (3%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	562 kB (3%)	ggc
final	:	0.09 (5%)	usr	0.01 (5%)	sys	0.20 (9%)	wall	600 kB (3%)	ggc
rest of compilation	:	0.12 (6%)	usr	0.00 (0%)	sys	0.11 (5%)	wall	1335 kB (7%)	ggc
unaccounted todo	:	0.02 (1%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.06 (3%)	usr	0.01 (5%)	sys	0.04 (2%)	wall	0 kB (0%)	ggc
Module::parse	:	0.21 (11%)	usr	0.08 (36%)	sys	0.29 (13%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.07 (4%)	usr	0.01 (5%)	sys	0.08 (4%)	wall	66 kB (0%)	ggc
Module::semantic2	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::semantic3	:	0.22 (11%)	usr	0.01 (5%)	sys	0.24 (11%)	wall	4 kB (0%)	ggc
Module::genobjfile	:	0.04 (2%)	usr	0.01 (5%)	sys	0.06 (3%)	wall	2672 kB (13%)	ggc
TOTAL	:	1.93		0.22		2.19		20427 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/contracts.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ../../../../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/contracts.d
```

Execution times (seconds)

phase setup	:	0.01 (4%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	1161 kB (92%)	ggc
phase parsing	:	0.25 (96%)	usr	0.05 (100%)	sys	0.30 (94%)	wall	75 kB (6%)	ggc
phase generate	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	28 kB (2%)	ggc
callgraph optimization	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	1 kB (0%)	ggc
Module::parse	:	0.19 (73%)	usr	0.04 (80%)	sys	0.24 (75%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.05 (19%)	usr	0.01 (20%)	sys	0.06 (19%)	wall	21 kB (2%)	ggc
Module::semantic2	:	0.01 (4%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
TOTAL	:	0.26		0.05		0.32		1266 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/conv.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ../../../../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/conv.d
```

Execution times (seconds)

phase setup	:	0.02 (6%)	usr	0.00 (0%)	sys	0.02 (5%)	wall	1161 kB (52%)	ggc
phase parsing	:	0.25 (76%)	usr	0.04 (80%)	sys	0.30 (77%)	wall	249 kB (11%)	ggc
phase generate	:	0.06 (18%)	usr	0.01 (20%)	sys	0.07 (18%)	wall	803 kB (36%)	ggc
tree gimplify	:	0.01 (3%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	91 kB (4%)	ggc
tree SSA verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	0 kB (0%)	ggc
expand	:	0.01 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	132 kB (6%)	ggc

integrated RA	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	201 kB (9%)	gcc
reload	:	0.01 (3%)	usr	0.00 (0%)	sys	0.02 (5%)	wall	34 kB (2%)	gcc
thread pro- & epilogue	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	27 kB (1%)	gcc
final	:	0.03 (9%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	31 kB (1%)	gcc
rest of compilation	:	0.00 (0%)	usr	0.01 (20%)	sys	0.01 (3%)	wall	69 kB (3%)	gcc
Module::parse	:	0.18 (55%)	usr	0.04 (80%)	sys	0.23 (59%)	wall	0 kB (0%)	gcc
Module::semantic	:	0.05 (15%)	usr	0.00 (0%)	sys	0.05 (13%)	wall	21 kB (1%)	gcc
Module::semantic2	:	0.01 (3%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	0 kB (0%)	gcc
Module::semantic3	:	0.01 (3%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	0 kB (0%)	gcc
TOTAL	:	0.33		0.05		0.39		2214 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/cpuid.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c .././.././gcc-4.8/libphobos/std/cpuid.d
```

Execution times (seconds)

phase setup	:	0.01 (3%)	usr	0.00 (0%)	sys	0.02 (6%)	wall	1161 kB (61%)	gcc
phase parsing	:	0.25 (83%)	usr	0.04 (100%)	sys	0.30 (83%)	wall	126 kB (7%)	gcc
phase generate	:	0.04 (13%)	usr	0.00 (0%)	sys	0.04 (11%)	wall	613 kB (32%)	gcc
CFG verifier	:	0.01 (3%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	0 kB (0%)	gcc
df scan insns	:	0.01 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	2 kB (0%)	gcc
tree gimplify	:	0.01 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	12 kB (1%)	gcc
tree SSA other	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	4 kB (0%)	gcc
expand	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	44 kB (2%)	gcc
integrated RA	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	281 kB (15%)	gcc
rest of compilation	:	0.01 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	55 kB (3%)	gcc
Module::parse	:	0.19 (63%)	usr	0.04 (100%)	sys	0.24 (67%)	wall	0 kB (0%)	gcc
Module::semantic	:	0.06 (20%)	usr	0.00 (0%)	sys	0.05 (14%)	wall	22 kB (1%)	gcc
Module::semantic2	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	0 kB (0%)	gcc
TOTAL	:	0.30		0.04		0.36		1902 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/cstream.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c .././.././gcc-4.8/libphobos/std/cstream.d
```

Execution times (seconds)

phase setup	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	1161 kB (40%)	gcc
phase parsing	:	0.49 (87%)	usr	0.10 (91%)	sys	0.59 (87%)	wall	832 kB (29%)	gcc
phase generate	:	0.06 (11%)	usr	0.01 (9%)	sys	0.08 (12%)	wall	904 kB (31%)	gcc
callgraph optimization	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	32 kB (1%)	gcc
CFG verifier	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	gcc
trivially dead code	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	gcc
tree gimplify	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	75 kB (3%)	gcc
callgraph verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	gcc
expand	:	0.01 (2%)	usr	0.01 (9%)	sys	0.01 (1%)	wall	117 kB (4%)	gcc
integrated RA	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	271 kB (9%)	gcc
thread pro- & epilogue	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	36 kB (1%)	gcc
final	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	31 kB (1%)	gcc
rest of compilation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	60 kB (2%)	gcc
unaccounted todo	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	gcc
Module::parse	:	0.37 (66%)	usr	0.09 (82%)	sys	0.45 (66%)	wall	0 kB (0%)	gcc
Module::semantic	:	0.10 (18%)	usr	0.01 (9%)	sys	0.12 (18%)	wall	75 kB (3%)	gcc
Module::semantic2	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	gcc
Module::genobjfile	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	733 kB (25%)	gcc
TOTAL	:	0.56		0.11		0.68		2898 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/ctype.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c .././.././gcc-4.8/libphobos/std/ctype.d
```

Execution times (seconds)

phase setup	:	0.01 (17%)	usr	0.00 (0%)	sys	0.03 (37%)	wall	1161 kB (62%)	ggc
phase parsing	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	110 kB (6%)	ggc
phase generate	:	0.04 (67%)	usr	0.01 (100%)	sys	0.05 (63%)	wall	592 kB (32%)	ggc
tree gimplify	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (13%)	wall	56 kB (3%)	ggc
tree STMT verifier	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
expand	:	0.00 (0%)	usr	0.01 (100%)	sys	0.01 (12%)	wall	73 kB (4%)	ggc
integrated RA	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (12%)	wall	185 kB (10%)	ggc
final	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	32 kB (2%)	ggc
rest of compilation	:	0.01 (17%)	usr	0.00 (0%)	sys	0.01 (13%)	wall	43 kB (2%)	ggc
unaccounted todo	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (13%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	9 kB (1%)	ggc
TOTAL	:	0.06		0.01		0.08		1864 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/csv.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ../../../../gcc-4.8/libphobos/std/csv.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (7%)	sys	0.02 (1%)	wall	1161 kB (9%)	ggc
phase parsing	:	0.43 (34%)	usr	0.07 (47%)	sys	0.50 (34%)	wall	1855 kB (14%)	ggc
phase generate	:	0.84 (66%)	usr	0.07 (47%)	sys	0.95 (65%)	wall	10358 kB (77%)	ggc
garbage collection	:	0.04 (3%)	usr	0.00 (0%)	sys	0.03 (2%)	wall	0 kB (0%)	ggc
callgraph construction	:	0.01 (1%)	usr	0.01 (7%)	sys	0.00 (0%)	wall	183 kB (1%)	ggc
callgraph optimization	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	259 kB (2%)	ggc
cfg cleanup	:	0.02 (2%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	1 kB (0%)	ggc
CFG verifier	:	0.02 (2%)	usr	0.00 (0%)	sys	0.05 (3%)	wall	0 kB (0%)	ggc
trivially dead code	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
df scan insns	:	0.02 (2%)	usr	0.01 (7%)	sys	0.00 (0%)	wall	14 kB (0%)	ggc
df live regs	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
df reg dead/unused notes	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	97 kB (1%)	ggc
alias analysis	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	48 kB (0%)	ggc
rebuild jump labels	:	0.00 (0%)	usr	0.01 (7%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
inline heuristics	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	65 kB (0%)	ggc
tree gimplify	:	0.03 (2%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	1280 kB (10%)	ggc
tree CFG construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	524 kB (4%)	ggc
tree CFG cleanup	:	0.02 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	3 kB (0%)	ggc
tree find ref. vars	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	78 kB (1%)	ggc
tree SSA rewrite	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	175 kB (1%)	ggc
tree SSA other	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	23 kB (0%)	ggc
tree SSA verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.07 (6%)	usr	0.01 (7%)	sys	0.03 (2%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.02 (2%)	usr	0.01 (7%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
dominance computation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
expand	:	0.07 (6%)	usr	0.00 (0%)	sys	0.07 (5%)	wall	1862 kB (14%)	ggc
post expand cleanups	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	257 kB (2%)	ggc
integrated RA	:	0.21 (17%)	usr	0.01 (7%)	sys	0.26 (18%)	wall	2616 kB (20%)	ggc
reload	:	0.05 (4%)	usr	0.00 (0%)	sys	0.10 (7%)	wall	545 kB (4%)	ggc
thread pro- & epilogue	:	0.05 (4%)	usr	0.00 (0%)	sys	0.05 (3%)	wall	310 kB (2%)	ggc
final	:	0.08 (6%)	usr	0.00 (0%)	sys	0.09 (6%)	wall	347 kB (3%)	ggc
rest of compilation	:	0.07 (6%)	usr	0.01 (7%)	sys	0.06 (4%)	wall	869 kB (7%)	ggc
unaccounted todo	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	0 kB (0%)	ggc
Module::parse	:	0.18 (14%)	usr	0.04 (27%)	sys	0.23 (16%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.06 (5%)	usr	0.00 (0%)	sys	0.05 (3%)	wall	22 kB (0%)	ggc
Module::semantic2	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
Module::semantic3	:	0.15 (12%)	usr	0.03 (20%)	sys	0.18 (12%)	wall	2 kB (0%)	ggc
Module::genobjfile	:	0.03 (2%)	usr	0.00 (0%)	sys	0.03 (2%)	wall	1804 kB (13%)	ggc
TOTAL	:	1.27		0.15		1.47		13375 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/database.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ../../../../gcc-4.8/libphobos/std/database.d
```

Execution times (seconds)

phase setup	:	0.01 (100%) usr	0.01 (100%) sys	0.01 (33%) wall	1161 kB (92%) ggc
phase parsing	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (33%) wall	42 kB (3%) ggc
phase generate	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (33%) wall	52 kB (4%) ggc
tree SSA verifier	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (33%) wall	0 kB (0%) ggc
Module::parse	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (33%) wall	0 kB (0%) ggc
TOTAL	:	0.01	0.01	0.03	1255 kB

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/datetime.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdereprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ../../../../gcc-4.8/libphobos/std/datetime.d
```

Execution times (seconds)

phase setup	:	0.01 (0%) usr	0.01 (2%) sys	0.02 (0%) wall	1161 kB (2%) ggc
phase parsing	:	1.10 (19%) usr	0.19 (33%) sys	1.30 (20%) wall	8514 kB (13%) ggc
phase generate	:	4.71 (81%) usr	0.38 (66%) sys	5.20 (80%) wall	56135 kB (85%) ggc
phase finalize	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (0%) wall	0 kB (0%) ggc
garbage collection	:	0.31 (5%) usr	0.00 (0%) sys	0.34 (5%) wall	0 kB (0%) ggc
callgraph construction	:	0.07 (1%) usr	0.02 (3%) sys	0.11 (2%) wall	1024 kB (2%) ggc
callgraph optimization	:	0.03 (1%) usr	0.02 (3%) sys	0.04 (1%) wall	1478 kB (2%) ggc
ipa free lang data	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (0%) wall	0 kB (0%) ggc
cfg construction	:	0.04 (1%) usr	0.00 (0%) sys	0.00 (0%) wall	345 kB (1%) ggc
cfg cleanup	:	0.05 (1%) usr	0.01 (2%) sys	0.06 (1%) wall	13 kB (0%) ggc
CFG verifier	:	0.12 (2%) usr	0.02 (3%) sys	0.12 (2%) wall	0 kB (0%) ggc
trivially dead code	:	0.05 (1%) usr	0.01 (2%) sys	0.03 (0%) wall	0 kB (0%) ggc
df scan insns	:	0.10 (2%) usr	0.03 (5%) sys	0.11 (2%) wall	85 kB (0%) ggc
df live regs	:	0.07 (1%) usr	0.01 (2%) sys	0.05 (1%) wall	0 kB (0%) ggc
df reg dead/unused notes	:	0.03 (1%) usr	0.00 (0%) sys	0.04 (1%) wall	526 kB (1%) ggc
register information	:	0.03 (1%) usr	0.00 (0%) sys	0.04 (1%) wall	0 kB (0%) ggc
alias analysis	:	0.05 (1%) usr	0.00 (0%) sys	0.04 (1%) wall	223 kB (0%) ggc
rebuild jump labels	:	0.04 (1%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
inline heuristics	:	0.03 (1%) usr	0.00 (0%) sys	0.04 (1%) wall	344 kB (1%) ggc
tree gimplify	:	0.12 (2%) usr	0.02 (3%) sys	0.15 (2%) wall	6322 kB (10%) ggc
tree eh	:	0.02 (0%) usr	0.00 (0%) sys	0.00 (0%) wall	1111 kB (2%) ggc
tree CFG construction	:	0.00 (0%) usr	0.00 (0%) sys	0.03 (0%) wall	2884 kB (4%) ggc
tree CFG cleanup	:	0.08 (1%) usr	0.02 (3%) sys	0.06 (1%) wall	16 kB (0%) ggc
tree find ref. vars	:	0.01 (0%) usr	0.00 (0%) sys	0.00 (0%) wall	335 kB (1%) ggc
tree PHI insertion	:	0.01 (0%) usr	0.01 (2%) sys	0.02 (0%) wall	265 kB (0%) ggc
tree SSA rewrite	:	0.05 (1%) usr	0.01 (2%) sys	0.02 (0%) wall	812 kB (1%) ggc
tree SSA other	:	0.03 (1%) usr	0.00 (0%) sys	0.03 (0%) wall	134 kB (0%) ggc
tree operand scan	:	0.02 (0%) usr	0.00 (0%) sys	0.01 (0%) wall	1417 kB (2%) ggc
tree SSA verifier	:	0.05 (1%) usr	0.01 (2%) sys	0.09 (1%) wall	0 kB (0%) ggc
tree STMT verifier	:	0.16 (3%) usr	0.02 (3%) sys	0.20 (3%) wall	0 kB (0%) ggc
callgraph verifier	:	0.10 (2%) usr	0.02 (3%) sys	0.16 (2%) wall	0 kB (0%) ggc
dominance computation	:	0.02 (0%) usr	0.00 (0%) sys	0.04 (1%) wall	0 kB (0%) ggc
out of ssa	:	0.04 (1%) usr	0.02 (3%) sys	0.05 (1%) wall	0 kB (0%) ggc
expand vars	:	0.00 (0%) usr	0.00 (0%) sys	0.05 (1%) wall	790 kB (1%) ggc
expand	:	0.32 (5%) usr	0.00 (0%) sys	0.35 (5%) wall	9979 kB (15%) ggc
post expand cleanups	:	0.04 (1%) usr	0.02 (3%) sys	0.10 (2%) wall	1556 kB (2%) ggc
integrated RA	:	1.03 (18%) usr	0.05 (9%) sys	0.87 (13%) wall	14870 kB (23%) ggc
reload	:	0.46 (8%) usr	0.03 (5%) sys	0.47 (7%) wall	2877 kB (4%) ggc
thread pro- & epilogue	:	0.13 (2%) usr	0.00 (0%) sys	0.17 (3%) wall	1850 kB (3%) ggc
machine dep reorg	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (0%) wall	0 kB (0%) ggc
final	:	0.39 (7%) usr	0.00 (0%) sys	0.56 (9%) wall	1978 kB (3%) ggc
early local passes	:	0.01 (0%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
rest of compilation	:	0.38 (7%) usr	0.01 (2%) sys	0.56 (9%) wall	4887 kB (7%) ggc
unaccounted todo	:	0.15 (3%) usr	0.02 (3%) sys	0.11 (2%) wall	0 kB (0%) ggc
verify RTL sharing	:	0.10 (2%) usr	0.00 (0%) sys	0.09 (1%) wall	0 kB (0%) ggc
Module::parse	:	0.35 (6%) usr	0.08 (14%) sys	0.44 (7%) wall	0 kB (0%) ggc
Module::semantic	:	0.08 (1%) usr	0.03 (5%) sys	0.10 (2%) wall	69 kB (0%) ggc
Module::semantic2	:	0.01 (0%) usr	0.00 (0%) sys	0.01 (0%) wall	0 kB (0%) ggc
Module::semantic3	:	0.49 (8%) usr	0.06 (10%) sys	0.56 (9%) wall	5 kB (0%) ggc
Module::genobjfile	:	0.14 (2%) usr	0.02 (3%) sys	0.16 (2%) wall	8400 kB (13%) ggc
TOTAL	:	5.82	0.58	6.53	65811 kB

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-
```

```
unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-
gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/demangle.o -ftime-report
-fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe
-fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I
./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/demangle.d
```

Execution times (seconds)

phase setup	:	0.01 (4%)	usr	0.00 (0%)	sys	0.03 (9%)	wall	1161 kB (80%)	ggc
phase parsing	:	0.23 (96%)	usr	0.08 (100%)	sys	0.30 (88%)	wall	131 kB (9%)	ggc
phase generate	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	152 kB (11%)	ggc
rest of compilation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	15 kB (1%)	ggc
Module::parse	:	0.17 (71%)	usr	0.06 (75%)	sys	0.23 (68%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.05 (21%)	usr	0.02 (25%)	sys	0.05 (15%)	wall	22 kB (2%)	ggc
Module::semantic2	:	0.01 (4%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	86 kB (6%)	ggc
TOTAL	:	0.24		0.08		0.34		1445 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-
unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-
gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/encoding.o -ftime-report
-fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe
-fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I
./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/encoding.d
```

Execution times (seconds)

phase setup	:	0.01 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	1161 kB (4%)	ggc
phase parsing	:	0.33 (14%)	usr	0.08 (29%)	sys	0.40 (15%)	wall	3684 kB (12%)	ggc
phase generate	:	1.97 (85%)	usr	0.20 (71%)	sys	2.24 (84%)	wall	25255 kB (84%)	ggc
garbage collection	:	0.13 (6%)	usr	0.00 (0%)	sys	0.14 (5%)	wall	0 kB (0%)	ggc
callgraph construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	375 kB (1%)	ggc
callgraph optimization	:	0.01 (0%)	usr	0.01 (4%)	sys	0.02 (1%)	wall	864 kB (3%)	ggc
cfg construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.04 (2%)	wall	228 kB (1%)	ggc
cfg cleanup	:	0.02 (1%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	2 kB (0%)	ggc
CFG verifier	:	0.05 (2%)	usr	0.00 (0%)	sys	0.06 (2%)	wall	0 kB (0%)	ggc
trivially dead code	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
df scan insns	:	0.07 (3%)	usr	0.01 (4%)	sys	0.07 (3%)	wall	49 kB (0%)	ggc
df live regs	:	0.02 (1%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
df reg dead/unused notes	:	0.01 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	209 kB (1%)	ggc
register information	:	0.01 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
alias analysis	:	0.02 (1%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	89 kB (0%)	ggc
rebuild jump labels	:	0.02 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
inline heuristics	:	0.01 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	228 kB (1%)	ggc
tree gimplify	:	0.08 (3%)	usr	0.00 (0%)	sys	0.08 (3%)	wall	2873 kB (10%)	ggc
tree eh	:	0.05 (2%)	usr	0.01 (4%)	sys	0.05 (2%)	wall	886 kB (3%)	ggc
tree CFG construction	:	0.03 (1%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	1226 kB (4%)	ggc
tree CFG cleanup	:	0.01 (0%)	usr	0.02 (7%)	sys	0.06 (2%)	wall	14 kB (0%)	ggc
tree PHI insertion	:	0.02 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	80 kB (0%)	ggc
tree SSA other	:	0.01 (0%)	usr	0.02 (7%)	sys	0.00 (0%)	wall	78 kB (0%)	ggc
tree operand scan	:	0.00 (0%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	844 kB (3%)	ggc
tree SSA verifier	:	0.02 (1%)	usr	0.01 (4%)	sys	0.02 (1%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.07 (3%)	usr	0.00 (0%)	sys	0.07 (3%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.04 (2%)	usr	0.02 (7%)	sys	0.07 (3%)	wall	0 kB (0%)	ggc
dominance computation	:	0.02 (1%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
out of ssa	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
expand vars	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	347 kB (1%)	ggc
expand	:	0.10 (4%)	usr	0.02 (7%)	sys	0.14 (5%)	wall	3576 kB (12%)	ggc
post expand cleanups	:	0.00 (0%)	usr	0.01 (4%)	sys	0.01 (0%)	wall	744 kB (2%)	ggc
integrated RA	:	0.40 (17%)	usr	0.05 (18%)	sys	0.34 (13%)	wall	7228 kB (24%)	ggc
reload	:	0.18 (8%)	usr	0.00 (0%)	sys	0.17 (6%)	wall	859 kB (3%)	ggc
thread pro- & epilogue	:	0.12 (5%)	usr	0.01 (4%)	sys	0.11 (4%)	wall	997 kB (3%)	ggc
final	:	0.18 (8%)	usr	0.00 (0%)	sys	0.26 (10%)	wall	1054 kB (4%)	ggc
rest of compilation	:	0.17 (7%)	usr	0.00 (0%)	sys	0.21 (8%)	wall	1871 kB (6%)	ggc
unaccounted todo	:	0.07 (3%)	usr	0.01 (4%)	sys	0.05 (2%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.03 (1%)	usr	0.00 (0%)	sys	0.05 (2%)	wall	0 kB (0%)	ggc
Module::parse	:	0.18 (8%)	usr	0.05 (18%)	sys	0.23 (9%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.05 (2%)	usr	0.01 (4%)	sys	0.06 (2%)	wall	21 kB (0%)	ggc
Module::semantic2	:	0.01 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
Module::semantic3	:	0.03 (1%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.06 (3%)	usr	0.02 (7%)	sys	0.07 (3%)	wall	3634 kB (12%)	ggc
TOTAL	:	2.31		0.28		2.66		30101 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/exception.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdPRECATED -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ../../../../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/exception.d
```

Execution times (seconds)

phase setup	:	0.01 (3%) usr	0.00 (0%) sys	0.01 (3%) wall	1161 kB (73%) ggc
phase parsing	:	0.25 (86%) usr	0.05 (100%) sys	0.31 (89%) wall	171 kB (11%) ggc
phase generate	:	0.03 (10%) usr	0.00 (0%) sys	0.02 (6%) wall	261 kB (16%) ggc
phase finalize	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (3%) wall	0 kB (0%) ggc
df scan insns	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (3%) wall	0 kB (0%) ggc
integrated RA	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (3%) wall	74 kB (5%) ggc
reload	:	0.01 (3%) usr	0.00 (0%) sys	0.00 (0%) wall	9 kB (1%) ggc
thread pro- & epilogue	:	0.01 (3%) usr	0.00 (0%) sys	0.00 (0%) wall	11 kB (1%) ggc
unaccounted todo	:	0.01 (3%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
Module::parse	:	0.19 (66%) usr	0.04 (80%) sys	0.23 (66%) wall	0 kB (0%) ggc
Module::semantic	:	0.05 (17%) usr	0.01 (20%) sys	0.06 (17%) wall	21 kB (1%) ggc
Module::semantic2	:	0.01 (3%) usr	0.00 (0%) sys	0.01 (3%) wall	0 kB (0%) ggc
Module::semantic3	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (3%) wall	0 kB (0%) ggc
TOTAL	:	0.29	0.05	0.35	1594 kB

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/format.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdPRECATED -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ../../../../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/format.d
```

Execution times (seconds)

phase setup	:	0.00 (0%) usr	0.01 (9%) sys	0.01 (1%) wall	1161 kB (11%) ggc
phase parsing	:	0.27 (27%) usr	0.06 (55%) sys	0.33 (29%) wall	1546 kB (14%) ggc
phase generate	:	0.73 (73%) usr	0.04 (36%) sys	0.78 (70%) wall	8170 kB (75%) ggc
garbage collection	:	0.04 (4%) usr	0.00 (0%) sys	0.02 (2%) wall	0 kB (0%) ggc
callgraph construction	:	0.01 (1%) usr	0.00 (0%) sys	0.03 (3%) wall	180 kB (2%) ggc
callgraph optimization	:	0.01 (1%) usr	0.01 (9%) sys	0.01 (1%) wall	112 kB (1%) ggc
cfg construction	:	0.01 (1%) usr	0.00 (0%) sys	0.00 (0%) wall	75 kB (1%) ggc
CFG verifier	:	0.03 (3%) usr	0.01 (9%) sys	0.00 (0%) wall	0 kB (0%) ggc
trivially dead code	:	0.02 (2%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
df scan insns	:	0.01 (1%) usr	0.00 (0%) sys	0.03 (3%) wall	6 kB (0%) ggc
df live regs	:	0.01 (1%) usr	0.00 (0%) sys	0.02 (2%) wall	0 kB (0%) ggc
df reg dead/unused notes	:	0.02 (2%) usr	0.00 (0%) sys	0.01 (1%) wall	132 kB (1%) ggc
register information	:	0.00 (0%) usr	0.00 (0%) sys	0.02 (2%) wall	0 kB (0%) ggc
alias analysis	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (1%) wall	56 kB (1%) ggc
rebuild jump labels	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (1%) wall	0 kB (0%) ggc
inline heuristics	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (1%) wall	29 kB (0%) ggc
tree gimplify	:	0.04 (4%) usr	0.00 (0%) sys	0.04 (4%) wall	1470 kB (14%) ggc
tree eh	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (1%) wall	138 kB (1%) ggc
tree CFG cleanup	:	0.01 (1%) usr	0.00 (0%) sys	0.01 (1%) wall	7 kB (0%) ggc
tree SSA other	:	0.01 (1%) usr	0.00 (0%) sys	0.00 (0%) wall	10 kB (0%) ggc
tree operand scan	:	0.00 (0%) usr	0.00 (0%) sys	0.02 (2%) wall	272 kB (3%) ggc
tree SSA verifier	:	0.00 (0%) usr	0.00 (0%) sys	0.02 (2%) wall	0 kB (0%) ggc
tree STMT verifier	:	0.06 (6%) usr	0.00 (0%) sys	0.04 (4%) wall	0 kB (0%) ggc
callgraph verifier	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (1%) wall	0 kB (0%) ggc
out of ssa	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (1%) wall	0 kB (0%) ggc
expand vars	:	0.01 (1%) usr	0.00 (0%) sys	0.00 (0%) wall	285 kB (3%) ggc
expand	:	0.05 (5%) usr	0.00 (0%) sys	0.05 (4%) wall	1506 kB (14%) ggc
post expand cleanups	:	0.02 (2%) usr	0.00 (0%) sys	0.00 (0%) wall	188 kB (2%) ggc
integrated RA	:	0.11 (11%) usr	0.00 (0%) sys	0.09 (8%) wall	1558 kB (14%) ggc
reload	:	0.08 (8%) usr	0.00 (0%) sys	0.08 (7%) wall	456 kB (4%) ggc
thread pro- & epilogue	:	0.03 (3%) usr	0.00 (0%) sys	0.00 (0%) wall	146 kB (1%) ggc
reg stack	:	0.01 (1%) usr	0.00 (0%) sys	0.01 (1%) wall	2 kB (0%) ggc
final	:	0.08 (8%) usr	0.00 (0%) sys	0.07 (6%) wall	221 kB (2%) ggc
rest of compilation	:	0.04 (4%) usr	0.01 (9%) sys	0.09 (8%) wall	490 kB (5%) ggc
unaccounted todo	:	0.01 (1%) usr	0.00 (0%) sys	0.03 (3%) wall	0 kB (0%) ggc
verify RTL sharing	:	0.01 (1%) usr	0.01 (9%) sys	0.03 (3%) wall	0 kB (0%) ggc
Module::parse	:	0.19 (19%) usr	0.03 (27%) sys	0.23 (21%) wall	0 kB (0%) ggc
Module::semantic	:	0.04 (4%) usr	0.02 (18%) sys	0.05 (4%) wall	21 kB (0%) ggc
Module::semantic2	:	0.01 (1%) usr	0.00 (0%) sys	0.01 (1%) wall	0 kB (0%) ggc

Module::semantic3	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	3 kB (0%)	ggc
Module::genobjfile	:	0.02 (2%)	usr	0.01 (9%)	sys	0.03 (3%)	wall	1493 kB (14%)	ggc
TOTAL	:	1.00		0.11		1.12		10878 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/functional.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/functional.d
```

Execution times (seconds)

phase setup	:	0.02 (8%)	usr	0.00 (0%)	sys	0.02 (6%)	wall	1161 kB (92%)	ggc
phase parsing	:	0.24 (92%)	usr	0.06 (100%)	sys	0.30 (94%)	wall	75 kB (6%)	ggc
Module::parse	:	0.18 (69%)	usr	0.05 (83%)	sys	0.23 (72%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.05 (19%)	usr	0.01 (17%)	sys	0.05 (16%)	wall	21 kB (2%)	ggc
Module::semantic2	:	0.01 (4%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	30 kB (2%)	ggc
TOTAL	:	0.26		0.06		0.32		1266 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/getopt.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/getopt.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (10%)	sys	0.01 (1%)	wall	1161 kB (14%)	ggc
phase parsing	:	0.30 (39%)	usr	0.05 (50%)	sys	0.36 (40%)	wall	910 kB (11%)	ggc
phase generate	:	0.47 (61%)	usr	0.04 (40%)	sys	0.52 (58%)	wall	6036 kB (74%)	ggc
garbage collection	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
callgraph construction	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	106 kB (1%)	ggc
callgraph optimization	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	174 kB (2%)	ggc
cfg cleanup	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	1 kB (0%)	ggc
CFG verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	0 kB (0%)	ggc
trivially dead code	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
df scan insns	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	10 kB (0%)	ggc
df live regs	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	0 kB (0%)	ggc
df reg dead/unused notes	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	55 kB (1%)	ggc
register information	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
alias analysis	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	24 kB (0%)	ggc
inline heuristics	:	0.02 (3%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	41 kB (1%)	ggc
tree gimplify	:	0.04 (5%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	739 kB (9%)	ggc
tree STMT verifier	:	0.01 (1%)	usr	0.00 (0%)	sys	0.04 (4%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	0 kB (0%)	ggc
expand	:	0.03 (4%)	usr	0.01 (10%)	sys	0.05 (6%)	wall	983 kB (12%)	ggc
post expand cleanups	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	147 kB (2%)	ggc
integrated RA	:	0.09 (12%)	usr	0.01 (10%)	sys	0.07 (8%)	wall	1671 kB (21%)	ggc
reload	:	0.05 (6%)	usr	0.01 (10%)	sys	0.04 (4%)	wall	247 kB (3%)	ggc
thread pro- & epilogue	:	0.00 (0%)	usr	0.00 (0%)	sys	0.03 (3%)	wall	215 kB (3%)	ggc
machine dep reorg	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
final	:	0.05 (6%)	usr	0.01 (10%)	sys	0.03 (3%)	wall	232 kB (3%)	ggc
rest of compilation	:	0.08 (10%)	usr	0.00 (0%)	sys	0.07 (8%)	wall	494 kB (6%)	ggc
unaccounted todo	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::parse	:	0.20 (26%)	usr	0.03 (30%)	sys	0.23 (26%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.04 (5%)	usr	0.02 (20%)	sys	0.07 (8%)	wall	22 kB (0%)	ggc
Module::semantic2	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::semantic3	:	0.03 (4%)	usr	0.00 (0%)	sys	0.04 (4%)	wall	1 kB (0%)	ggc
Module::genobjfile	:	0.02 (3%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	862 kB (11%)	ggc
TOTAL	:	0.77		0.10		0.89		8108 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/json.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/json.d
```

Execution times (seconds)

phase setup	:	0.01 (1%) usr	0.00 (0%) sys	0.01 (1%) wall	1161 kB (7%) ggc
phase parsing	:	0.46 (30%) usr	0.09 (53%) sys	0.55 (31%) wall	2232 kB (14%) ggc
phase generate	:	1.08 (70%) usr	0.08 (47%) sys	1.21 (68%) wall	12866 kB (79%) ggc
garbage collection	:	0.07 (5%) usr	0.00 (0%) sys	0.06 (3%) wall	0 kB (0%) ggc
callgraph construction	:	0.01 (1%) usr	0.00 (0%) sys	0.04 (2%) wall	219 kB (1%) ggc
cfg cleanup	:	0.01 (1%) usr	0.00 (0%) sys	0.02 (1%) wall	2 kB (0%) ggc
CFG verifier	:	0.02 (1%) usr	0.00 (0%) sys	0.04 (2%) wall	0 kB (0%) ggc
trivially dead code	:	0.00 (0%) usr	0.00 (0%) sys	0.02 (1%) wall	0 kB (0%) ggc
df scan insns	:	0.02 (1%) usr	0.00 (0%) sys	0.07 (4%) wall	18 kB (0%) ggc
df live regs	:	0.01 (1%) usr	0.00 (0%) sys	0.03 (2%) wall	0 kB (0%) ggc
df reg dead/unused notes	:	0.01 (1%) usr	0.00 (0%) sys	0.04 (2%) wall	122 kB (1%) ggc
register information	:	0.01 (1%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
rebuild jump labels	:	0.03 (2%) usr	0.00 (0%) sys	0.03 (2%) wall	0 kB (0%) ggc
tree gimplify	:	0.04 (3%) usr	0.01 (6%) sys	0.04 (2%) wall	1574 kB (10%) ggc
tree CFG construction	:	0.01 (1%) usr	0.00 (0%) sys	0.01 (1%) wall	663 kB (4%) ggc
tree CFG cleanup	:	0.01 (1%) usr	0.00 (0%) sys	0.02 (1%) wall	5 kB (0%) ggc
tree find ref. vars	:	0.01 (1%) usr	0.00 (0%) sys	0.00 (0%) wall	93 kB (1%) ggc
tree PHI insertion	:	0.00 (0%) usr	0.01 (6%) sys	0.00 (0%) wall	79 kB (0%) ggc
tree SSA other	:	0.01 (1%) usr	0.01 (6%) sys	0.00 (0%) wall	29 kB (0%) ggc
tree operand scan	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (1%) wall	382 kB (2%) ggc
tree SSA verifier	:	0.00 (0%) usr	0.00 (0%) sys	0.03 (2%) wall	0 kB (0%) ggc
tree STMT verifier	:	0.04 (3%) usr	0.00 (0%) sys	0.04 (2%) wall	0 kB (0%) ggc
callgraph verifier	:	0.04 (3%) usr	0.00 (0%) sys	0.03 (2%) wall	0 kB (0%) ggc
dominance computation	:	0.01 (1%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
out of ssa	:	0.01 (1%) usr	0.00 (0%) sys	0.04 (2%) wall	0 kB (0%) ggc
expand vars	:	0.01 (1%) usr	0.00 (0%) sys	0.02 (1%) wall	219 kB (1%) ggc
expand	:	0.11 (7%) usr	0.01 (6%) sys	0.08 (5%) wall	2307 kB (14%) ggc
integrated RA	:	0.16 (10%) usr	0.01 (6%) sys	0.16 (9%) wall	3218 kB (20%) ggc
reload	:	0.12 (8%) usr	0.01 (6%) sys	0.09 (5%) wall	658 kB (4%) ggc
thread pro- & epilogue	:	0.09 (6%) usr	0.00 (0%) sys	0.05 (3%) wall	389 kB (2%) ggc
final	:	0.10 (6%) usr	0.01 (6%) sys	0.12 (7%) wall	440 kB (3%) ggc
rest of compilation	:	0.06 (4%) usr	0.00 (0%) sys	0.07 (4%) wall	1116 kB (7%) ggc
unaccounted todo	:	0.02 (1%) usr	0.00 (0%) sys	0.05 (3%) wall	0 kB (0%) ggc
verify RTL sharing	:	0.04 (3%) usr	0.01 (6%) sys	0.00 (0%) wall	0 kB (0%) ggc
Module::parse	:	0.18 (12%) usr	0.05 (29%) sys	0.23 (13%) wall	0 kB (0%) ggc
Module::semantic	:	0.05 (3%) usr	0.01 (6%) sys	0.06 (3%) wall	23 kB (0%) ggc
Module::semantic2	:	0.01 (1%) usr	0.00 (0%) sys	0.01 (1%) wall	0 kB (0%) ggc
Module::semantic3	:	0.18 (12%) usr	0.02 (12%) sys	0.21 (12%) wall	3 kB (0%) ggc
Module::genobjfile	:	0.04 (3%) usr	0.01 (6%) sys	0.04 (2%) wall	2179 kB (13%) ggc
TOTAL	:	1.55	0.17	1.77	16261 kB

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/math.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_Glibc -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c .././.././gcc-4.8/libphobos/std/math.d

```

Execution times (seconds)

phase setup	:	0.01 (2%) usr	0.00 (0%) sys	0.02 (3%) wall	1161 kB (17%) ggc
phase parsing	:	0.25 (41%) usr	0.05 (62%) sys	0.30 (42%) wall	594 kB (9%) ggc
phase generate	:	0.35 (57%) usr	0.03 (38%) sys	0.39 (55%) wall	5004 kB (74%) ggc
callgraph construction	:	0.00 (0%) usr	0.00 (0%) sys	0.04 (6%) wall	69 kB (1%) ggc
cfg cleanup	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (1%) wall	1 kB (0%) ggc
CFG verifier	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (1%) wall	0 kB (0%) ggc
trivially dead code	:	0.01 (2%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
df scan insns	:	0.01 (2%) usr	0.00 (0%) sys	0.00 (0%) wall	12 kB (0%) ggc
alias analysis	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (1%) wall	20 kB (0%) ggc
tree gimplify	:	0.01 (2%) usr	0.00 (0%) sys	0.00 (0%) wall	318 kB (5%) ggc
tree CFG cleanup	:	0.00 (0%) usr	0.01 (12%) sys	0.00 (0%) wall	1 kB (0%) ggc
tree operand scan	:	0.01 (2%) usr	0.00 (0%) sys	0.01 (1%) wall	147 kB (2%) ggc
tree STMT verifier	:	0.01 (2%) usr	0.01 (12%) sys	0.04 (6%) wall	0 kB (0%) ggc
callgraph verifier	:	0.01 (2%) usr	0.00 (0%) sys	0.01 (1%) wall	0 kB (0%) ggc
dominance computation	:	0.01 (2%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
out of ssa	:	0.00 (0%) usr	0.01 (13%) sys	0.00 (0%) wall	0 kB (0%) ggc
expand	:	0.03 (5%) usr	0.00 (0%) sys	0.01 (1%) wall	582 kB (9%) ggc
post expand cleanups	:	0.01 (2%) usr	0.00 (0%) sys	0.01 (1%) wall	146 kB (2%) ggc
integrated RA	:	0.06 (10%) usr	0.00 (0%) sys	0.05 (7%) wall	1662 kB (25%) ggc
reload	:	0.05 (8%) usr	0.00 (0%) sys	0.08 (11%) wall	230 kB (3%) ggc

thread pro- & epilogue	:	0.02 (3%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	233 kB (3%)	ggc
reg stack	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	186 kB (3%)	ggc
final	:	0.04 (7%)	usr	0.00 (0%)	sys	0.03 (4%)	wall	181 kB (3%)	ggc
rest of compilation	:	0.02 (3%)	usr	0.00 (0%)	sys	0.05 (7%)	wall	503 kB (7%)	ggc
unaccounted todo	:	0.04 (7%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	0 kB (0%)	ggc
Module::parse	:	0.20 (33%)	usr	0.03 (38%)	sys	0.22 (31%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.04 (7%)	usr	0.01 (13%)	sys	0.06 (8%)	wall	21 kB (0%)	ggc
Module::semantic2	:	0.00 (0%)	usr	0.01 (13%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
Module::semantic3	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	548 kB (8%)	ggc
TOTAL	:	0.61		0.08		0.71		6759 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/mathspecial.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdPRECATED -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ../././././libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/mathspecial.d
```

Execution times (seconds)

phase setup	:	0.01 (3%)	usr	0.01 (12%)	sys	0.03 (7%)	wall	1161 kB (55%)	ggc
phase parsing	:	0.25 (81%)	usr	0.06 (75%)	sys	0.30 (75%)	wall	153 kB (7%)	ggc
phase generate	:	0.05 (16%)	usr	0.01 (12%)	sys	0.07 (18%)	wall	777 kB (37%)	ggc
callgraph construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (5%)	wall	16 kB (1%)	ggc
df live regs	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
expand	:	0.01 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	90 kB (4%)	ggc
post expand cleanups	:	0.01 (3%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	29 kB (1%)	ggc
jump	:	0.01 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
integrated RA	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (5%)	wall	221 kB (11%)	ggc
reg stack	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	34 kB (2%)	ggc
final	:	0.01 (3%)	usr	0.01 (12%)	sys	0.00 (0%)	wall	30 kB (1%)	ggc
rest of compilation	:	0.01 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	99 kB (5%)	ggc
Module::parse	:	0.19 (61%)	usr	0.04 (50%)	sys	0.24 (60%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.04 (13%)	usr	0.02 (25%)	sys	0.05 (13%)	wall	21 kB (1%)	ggc
Module::semantic2	:	0.01 (3%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.01 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	109 kB (5%)	ggc
TOTAL	:	0.31		0.08		0.40		2093 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/md5.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdPRECATED -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ../././././libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/md5.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (12%)	sys	0.02 (4%)	wall	1161 kB (33%)	ggc
phase parsing	:	0.24 (60%)	usr	0.07 (88%)	sys	0.30 (60%)	wall	356 kB (10%)	ggc
phase generate	:	0.16 (40%)	usr	0.00 (0%)	sys	0.17 (34%)	wall	1976 kB (57%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
cfg construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	6 kB (0%)	ggc
CFG verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
df scan insns	:	0.00 (0%)	usr	0.00 (0%)	sys	0.03 (6%)	wall	2 kB (0%)	ggc
tree simplify	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	260 kB (7%)	ggc
tree CFG cleanup	:	0.01 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
tree SSA other	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	3 kB (0%)	ggc
tree STMT verifier	:	0.01 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
expand vars	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	53 kB (2%)	ggc
expand	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	413 kB (12%)	ggc
integrated RA	:	0.05 (12%)	usr	0.00 (0%)	sys	0.02 (4%)	wall	475 kB (14%)	ggc
reload	:	0.03 (8%)	usr	0.00 (0%)	sys	0.03 (6%)	wall	136 kB (4%)	ggc
thread pro- & epilogue	:	0.02 (5%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	47 kB (1%)	ggc
final	:	0.02 (5%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	46 kB (1%)	ggc
rest of compilation	:	0.01 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	148 kB (4%)	ggc
unaccounted todo	:	0.01 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
Module::parse	:	0.17 (42%)	usr	0.06 (75%)	sys	0.22 (44%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.05 (12%)	usr	0.00 (0%)	sys	0.06 (12%)	wall	22 kB (1%)	ggc
Module::semantic2	:	0.01 (3%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.01 (2%)	usr	0.01 (12%)	sys	0.01 (2%)	wall	311 kB (9%)	ggc

TOTAL : 0.40 0.08 0.50 3495 kB

```
/home/iaian/src/gdc/build48/objdir/.gcc/gdc -B/home/iaian/src/gdc/build48/objdir/.gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/metastrings.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c .././.././gcc-4.8/libphobos/std/metastrings.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (100%)	sys	0.02 (67%)	wall	1161 kB (95%)	gdc
phase generate	:	0.01 (100%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	27 kB (2%)	gdc
dominance computation	:	0.01 (100%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	gdc
expand	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	1 kB (0%)	gdc
TOTAL	:	0.01		0.01		0.03		1228 kB	

```
/home/iaian/src/gdc/build48/objdir/.gcc/gdc -B/home/iaian/src/gdc/build48/objdir/.gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/numeric.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c .././.././gcc-4.8/libphobos/std/numeric.d
```

Execution times (seconds)

phase setup	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (4%)	wall	1161 kB (35%)	gdc
phase parsing	:	0.31 (70%)	usr	0.06 (67%)	sys	0.37 (69%)	wall	416 kB (13%)	gdc
phase generate	:	0.12 (27%)	usr	0.03 (33%)	sys	0.15 (28%)	wall	1742 kB (52%)	gdc
callgraph optimization	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	47 kB (1%)	gdc
trivially dead code	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	gdc
df scan insns	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	2 kB (0%)	gdc
tree CFG construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	83 kB (3%)	gdc
tree operand scan	:	0.00 (0%)	usr	0.01 (11%)	sys	0.00 (0%)	wall	60 kB (2%)	gdc
tree SSA verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (4%)	wall	0 kB (0%)	gdc
callgraph verifier	:	0.00 (0%)	usr	0.01 (11%)	sys	0.01 (2%)	wall	0 kB (0%)	gdc
expand	:	0.02 (5%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	272 kB (8%)	gdc
integrated RA	:	0.03 (7%)	usr	0.01 (11%)	sys	0.02 (4%)	wall	463 kB (14%)	gdc
reload	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	110 kB (3%)	gdc
thread pro- & epilogue	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (4%)	wall	58 kB (2%)	gdc
final	:	0.02 (5%)	usr	0.00 (0%)	sys	0.04 (7%)	wall	64 kB (2%)	gdc
rest of compilation	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	129 kB (4%)	gdc
Module::parse	:	0.21 (48%)	usr	0.05 (56%)	sys	0.27 (50%)	wall	0 kB (0%)	gdc
Module::semantic	:	0.08 (18%)	usr	0.01 (11%)	sys	0.08 (15%)	wall	39 kB (1%)	gdc
Module::semantic2	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	gdc
Module::semantic3	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	gdc
Module::genobjfile	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	352 kB (11%)	gdc
TOTAL	:	0.44		0.09		0.54		3321 kB	

```
/home/iaian/src/gdc/build48/objdir/.gcc/gdc -B/home/iaian/src/gdc/build48/objdir/.gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/outbuffer.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c .././.././gcc-4.8/libphobos/std/outbuffer.d
```

Execution times (seconds)

phase setup	:	0.02 (4%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	1161 kB (23%)	gdc
phase parsing	:	0.26 (49%)	usr	0.04 (67%)	sys	0.30 (50%)	wall	544 kB (11%)	gdc
phase generate	:	0.25 (47%)	usr	0.02 (33%)	sys	0.28 (47%)	wall	3295 kB (66%)	gdc
callgraph construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	58 kB (1%)	gdc
CFG verifier	:	0.02 (4%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	gdc
trivially dead code	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	gdc
df live regs	:	0.00 (0%)	usr	0.01 (17%)	sys	0.00 (0%)	wall	0 kB (0%)	gdc
alias analysis	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	10 kB (0%)	gdc
rebuild jump labels	:	0.02 (4%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	gdc
tree gimplify	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	476 kB (10%)	gdc
tree eh	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	81 kB (2%)	gdc
tree SSA verifier	:	0.03 (6%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	gdc
tree STMT verifier	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	gdc
callgraph verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	gdc

expand	:	0.01 (2%)	usr	0.00 (0%)	sys	0.05 (8%)	wall	539 kB (11%)	ggc
integrated RA	:	0.07 (13%)	usr	0.00 (0%)	sys	0.05 (8%)	wall	859 kB (17%)	ggc
reload	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	150 kB (3%)	ggc
thread pro- & epilogue	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	101 kB (2%)	ggc
final	:	0.02 (4%)	usr	0.01 (17%)	sys	0.04 (7%)	wall	120 kB (2%)	ggc
rest of compilation	:	0.01 (2%)	usr	0.00 (0%)	sys	0.03 (5%)	wall	241 kB (5%)	ggc
unaccounted todo	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
Module::parse	:	0.20 (38%)	usr	0.03 (50%)	sys	0.23 (38%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.05 (9%)	usr	0.00 (0%)	sys	0.06 (10%)	wall	22 kB (0%)	ggc
Module::semantic2	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::semantic3	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.00 (0%)	usr	0.01 (17%)	sys	0.00 (0%)	wall	500 kB (10%)	ggc
TOTAL	:	0.53		0.06		0.60		5001 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/parallelism.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ../../../../gcc-4.8/libphobos/std/parallelism.d
```

Execution times (seconds)

phase setup	:	0.01 (1%)	usr	0.01 (6%)	sys	0.03 (2%)	wall	1161 kB (6%)	ggc
phase parsing	:	0.50 (29%)	usr	0.09 (56%)	sys	0.59 (30%)	wall	2388 kB (13%)	ggc
phase generate	:	1.24 (71%)	usr	0.06 (38%)	sys	1.34 (68%)	wall	14506 kB (80%)	ggc
garbage collection	:	0.09 (5%)	usr	0.00 (0%)	sys	0.09 (5%)	wall	0 kB (0%)	ggc
callgraph construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	261 kB (1%)	ggc
callgraph optimization	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	388 kB (2%)	ggc
cfg cleanup	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	2 kB (0%)	ggc
CFG verifier	:	0.05 (3%)	usr	0.00 (0%)	sys	0.05 (3%)	wall	0 kB (0%)	ggc
trivially dead code	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	0 kB (0%)	ggc
df scan insns	:	0.02 (1%)	usr	0.01 (6%)	sys	0.04 (2%)	wall	22 kB (0%)	ggc
df live regs	:	0.02 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
df reg dead/unused notes	:	0.02 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	134 kB (1%)	ggc
alias analysis	:	0.02 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	67 kB (0%)	ggc
rebuild jump labels	:	0.03 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
tree gimplify	:	0.04 (2%)	usr	0.01 (6%)	sys	0.06 (3%)	wall	1733 kB (10%)	ggc
tree CFG cleanup	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	7 kB (0%)	ggc
tree find ref. vars	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	97 kB (1%)	ggc
tree SSA other	:	0.02 (1%)	usr	0.01 (6%)	sys	0.00 (0%)	wall	35 kB (0%)	ggc
tree SSA verifier	:	0.01 (1%)	usr	0.01 (6%)	sys	0.02 (1%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.08 (5%)	usr	0.00 (0%)	sys	0.04 (2%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.04 (2%)	usr	0.00 (0%)	sys	0.05 (3%)	wall	0 kB (0%)	ggc
out of ssa	:	0.01 (1%)	usr	0.00 (0%)	sys	0.03 (2%)	wall	0 kB (0%)	ggc
expand vars	:	0.02 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	216 kB (1%)	ggc
expand	:	0.05 (3%)	usr	0.00 (0%)	sys	0.07 (4%)	wall	2521 kB (14%)	ggc
post expand cleanups	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	358 kB (2%)	ggc
integrated RA	:	0.29 (17%)	usr	0.01 (6%)	sys	0.26 (13%)	wall	3824 kB (21%)	ggc
reload	:	0.15 (9%)	usr	0.00 (0%)	sys	0.11 (6%)	wall	699 kB (4%)	ggc
thread pro- & epilogue	:	0.04 (2%)	usr	0.00 (0%)	sys	0.05 (3%)	wall	459 kB (3%)	ggc
final	:	0.06 (3%)	usr	0.00 (0%)	sys	0.15 (8%)	wall	516 kB (3%)	ggc
rest of compilation	:	0.13 (7%)	usr	0.00 (0%)	sys	0.11 (6%)	wall	1143 kB (6%)	ggc
unaccounted todo	:	0.01 (1%)	usr	0.00 (0%)	sys	0.03 (2%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.02 (1%)	usr	0.01 (6%)	sys	0.04 (2%)	wall	0 kB (0%)	ggc
Module::parse	:	0.21 (12%)	usr	0.06 (38%)	sys	0.27 (14%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.06 (3%)	usr	0.01 (6%)	sys	0.07 (4%)	wall	41 kB (0%)	ggc
Module::semantic2	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::semantic3	:	0.18 (10%)	usr	0.01 (6%)	sys	0.20 (10%)	wall	2 kB (0%)	ggc
Module::genobjfile	:	0.04 (2%)	usr	0.01 (6%)	sys	0.05 (3%)	wall	2318 kB (13%)	ggc
TOTAL	:	1.75		0.16		1.96		18056 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/signals.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ../../../../gcc-4.8/libphobos/std/signals.d
```

Execution times (seconds)

phase setup	:	0.02 (6%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	1161 kB (87%)	ggc
phase parsing	:	0.28 (90%)	usr	0.05 (100%)	sys	0.35 (97%)	wall	115 kB (9%)	ggc
phase generate	:	0.01 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	52 kB (4%)	ggc
final	:	0.01 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	2 kB (0%)	ggc
Module::parse	:	0.21 (68%)	usr	0.04 (80%)	sys	0.26 (72%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.06 (19%)	usr	0.01 (20%)	sys	0.08 (22%)	wall	56 kB (4%)	ggc
Module::semantic2	:	0.01 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	36 kB (3%)	ggc
TOTAL	:	0.31		0.05		0.36		1329 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/stdio.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fddeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ../../../../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/stdio.d
```

Execution times (seconds)

phase setup	:	0.01 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	1161 kB (5%)	ggc
phase parsing	:	0.51 (25%)	usr	0.10 (45%)	sys	0.62 (27%)	wall	2889 kB (13%)	ggc
phase generate	:	1.54 (75%)	usr	0.12 (55%)	sys	1.69 (73%)	wall	18677 kB (82%)	ggc
garbage collection	:	0.10 (5%)	usr	0.00 (0%)	sys	0.09 (4%)	wall	0 kB (0%)	ggc
callgraph construction	:	0.04 (2%)	usr	0.00 (0%)	sys	0.06 (3%)	wall	334 kB (1%)	ggc
callgraph optimization	:	0.02 (1%)	usr	0.00 (0%)	sys	0.04 (2%)	wall	557 kB (2%)	ggc
cfg cleanup	:	0.03 (1%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	2 kB (0%)	ggc
CFG verifier	:	0.01 (0%)	usr	0.00 (0%)	sys	0.05 (2%)	wall	0 kB (0%)	ggc
trivially dead code	:	0.01 (0%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	0 kB (0%)	ggc
df scan insns	:	0.03 (1%)	usr	0.00 (0%)	sys	0.05 (2%)	wall	31 kB (0%)	ggc
df live regs	:	0.03 (1%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	0 kB (0%)	ggc
df reg dead/unused notes	:	0.01 (0%)	usr	0.00 (0%)	sys	0.04 (2%)	wall	162 kB (1%)	ggc
register information	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	0 kB (0%)	ggc
alias analysis	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	76 kB (0%)	ggc
rebuild jump labels	:	0.00 (0%)	usr	0.01 (5%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
inline heuristics	:	0.01 (0%)	usr	0.01 (5%)	sys	0.01 (0%)	wall	137 kB (1%)	ggc
tree gimplify	:	0.03 (1%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	2082 kB (9%)	ggc
tree CFG construction	:	0.01 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	910 kB (4%)	ggc
tree CFG cleanup	:	0.01 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	7 kB (0%)	ggc
tree find ref. vars	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	111 kB (0%)	ggc
tree PHI insertion	:	0.01 (0%)	usr	0.01 (5%)	sys	0.02 (1%)	wall	81 kB (0%)	ggc
tree SSA other	:	0.01 (0%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	50 kB (0%)	ggc
tree operand scan	:	0.01 (0%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	503 kB (2%)	ggc
tree SSA verifier	:	0.01 (0%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.08 (4%)	usr	0.01 (5%)	sys	0.08 (3%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.04 (2%)	usr	0.00 (0%)	sys	0.04 (2%)	wall	0 kB (0%)	ggc
dominance computation	:	0.01 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
out of ssa	:	0.01 (0%)	usr	0.01 (5%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
expand vars	:	0.02 (1%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	265 kB (1%)	ggc
expand	:	0.11 (5%)	usr	0.01 (5%)	sys	0.09 (4%)	wall	3098 kB (14%)	ggc
post expand cleanups	:	0.00 (0%)	usr	0.01 (5%)	sys	0.01 (0%)	wall	495 kB (2%)	ggc
integrated RA	:	0.30 (15%)	usr	0.03 (14%)	sys	0.27 (12%)	wall	5195 kB (23%)	ggc
reload	:	0.19 (9%)	usr	0.00 (0%)	sys	0.21 (9%)	wall	850 kB (4%)	ggc
thread pro- & epilogue	:	0.04 (2%)	usr	0.00 (0%)	sys	0.06 (3%)	wall	695 kB (3%)	ggc
final	:	0.12 (6%)	usr	0.01 (5%)	sys	0.15 (6%)	wall	690 kB (3%)	ggc
early local passes	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
rest of compilation	:	0.21 (10%)	usr	0.01 (5%)	sys	0.14 (6%)	wall	1572 kB (7%)	ggc
unaccounted todo	:	0.02 (1%)	usr	0.00 (0%)	sys	0.04 (2%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.01 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
Module::parse	:	0.21 (10%)	usr	0.05 (23%)	sys	0.26 (11%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.05 (2%)	usr	0.02 (9%)	sys	0.07 (3%)	wall	56 kB (0%)	ggc
Module::semantic2	:	0.01 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
Module::semantic3	:	0.19 (9%)	usr	0.03 (14%)	sys	0.22 (9%)	wall	2 kB (0%)	ggc
Module::genobjfile	:	0.05 (2%)	usr	0.00 (0%)	sys	0.06 (3%)	wall	2804 kB (12%)	ggc
TOTAL	:	2.06		0.22		2.33		22728 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/stdiobase.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fddeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ../../../../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/stdiobase.d
```

Execution times (seconds)

phase setup	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	1161 kB (92%)	ggc
phase parsing	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	42 kB (3%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	0 kB (0%)	ggc
parser (global)	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	21 kB (2%)	ggc
TOTAL	:	0.02		0.00		0.03		1256 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/stdint.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c .././.././gcc-4.8/libphobos/std/stdint.d
```

Execution times (seconds)

phase setup	:	0.01 (25%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	1161 kB (94%)	ggc
phase parsing	:	0.03 (75%)	usr	0.01 (100%)	sys	0.04 (80%)	wall	45 kB (4%)	ggc
Module::parse	:	0.02 (50%)	usr	0.01 (100%)	sys	0.02 (40%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (25%)	usr	0.00 (0%)	sys	0.02 (40%)	wall	16 kB (1%)	ggc
TOTAL	:	0.04		0.01		0.05		1235 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/stream.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c .././.././gcc-4.8/libphobos/std/stream.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (5%)	sys	0.02 (1%)	wall	1161 kB (5%)	ggc
phase parsing	:	0.62 (26%)	usr	0.08 (38%)	sys	0.70 (27%)	wall	3791 kB (15%)	ggc
phase generate	:	1.73 (74%)	usr	0.12 (57%)	sys	1.90 (73%)	wall	20364 kB (80%)	ggc
garbage collection	:	0.13 (6%)	usr	0.00 (0%)	sys	0.10 (4%)	wall	0 kB (0%)	ggc
callgraph construction	:	0.06 (3%)	usr	0.00 (0%)	sys	0.06 (2%)	wall	1145 kB (5%)	ggc
callgraph optimization	:	0.02 (1%)	usr	0.02 (10%)	sys	0.01 (0%)	wall	452 kB (2%)	ggc
cfg construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	159 kB (1%)	ggc
cfg cleanup	:	0.02 (1%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	5 kB (0%)	ggc
CFG verifier	:	0.04 (2%)	usr	0.00 (0%)	sys	0.07 (3%)	wall	0 kB (0%)	ggc
trivially dead code	:	0.04 (2%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	0 kB (0%)	ggc
df scan insns	:	0.07 (3%)	usr	0.00 (0%)	sys	0.06 (2%)	wall	25 kB (0%)	ggc
df live regs	:	0.01 (0%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	0 kB (0%)	ggc
df reg dead/unused notes	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	217 kB (1%)	ggc
register information	:	0.01 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
alias analysis	:	0.02 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	83 kB (0%)	ggc
inline heuristics	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	148 kB (1%)	ggc
tree gimplify	:	0.07 (3%)	usr	0.02 (10%)	sys	0.06 (2%)	wall	2680 kB (11%)	ggc
tree eh	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	259 kB (1%)	ggc
tree CFG construction	:	0.02 (1%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	951 kB (4%)	ggc
tree CFG cleanup	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	4 kB (0%)	ggc
tree SSA rewrite	:	0.01 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	391 kB (2%)	ggc
tree SSA other	:	0.01 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	40 kB (0%)	ggc
tree operand scan	:	0.00 (0%)	usr	0.01 (5%)	sys	0.01 (0%)	wall	612 kB (2%)	ggc
tree SSA verifier	:	0.02 (1%)	usr	0.01 (5%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.06 (3%)	usr	0.00 (0%)	sys	0.11 (4%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.04 (2%)	usr	0.01 (5%)	sys	0.03 (1%)	wall	0 kB (0%)	ggc
dominance computation	:	0.02 (1%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
out of ssa	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
expand vars	:	0.01 (0%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	353 kB (1%)	ggc
expand	:	0.10 (4%)	usr	0.01 (5%)	sys	0.16 (6%)	wall	3368 kB (13%)	ggc
post expand cleanups	:	0.04 (2%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	437 kB (2%)	ggc
integrated RA	:	0.32 (14%)	usr	0.00 (0%)	sys	0.27 (10%)	wall	4737 kB (19%)	ggc
reload	:	0.18 (8%)	usr	0.02 (10%)	sys	0.20 (8%)	wall	1098 kB (4%)	ggc
thread pro- & epilogue	:	0.05 (2%)	usr	0.00 (0%)	sys	0.13 (5%)	wall	602 kB (2%)	ggc
reg stack	:	0.01 (0%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	17 kB (0%)	ggc
final	:	0.12 (5%)	usr	0.00 (0%)	sys	0.14 (5%)	wall	684 kB (3%)	ggc
symout	:	0.00 (0%)	usr	0.01 (5%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
rest of compilation	:	0.19 (8%)	usr	0.01 (5%)	sys	0.11 (4%)	wall	1546 kB (6%)	ggc
unaccounted todo	:	0.02 (1%)	usr	0.00 (0%)	sys	0.07 (3%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.02 (1%)	usr	0.00 (0%)	sys	0.06 (2%)	wall	0 kB (0%)	ggc

Module::parse	:	0.41 (17%)	usr	0.06 (29%)	sys	0.47 (18%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.10 (4%)	usr	0.01 (5%)	sys	0.11 (4%)	wall	75 kB (0%)	ggc
Module::semantic2	:	0.01 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
Module::semantic3	:	0.02 (1%)	usr	0.01 (5%)	sys	0.03 (1%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.08 (3%)	usr	0.00 (0%)	sys	0.08 (3%)	wall	3683 kB (15%)	ggc
TOTAL	:	2.35		0.21		2.62		25317 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/string.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c .././.././gcc-4.8/libphobos/std/string.d
```

Execution times (seconds)									
phase setup	:	0.02 (4%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	1161 kB (21%)	ggc
phase parsing	:	0.25 (45%)	usr	0.04 (67%)	sys	0.31 (48%)	wall	645 kB (12%)	ggc
phase generate	:	0.29 (52%)	usr	0.02 (33%)	sys	0.31 (48%)	wall	3751 kB (67%)	ggc
callgraph optimization	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	41 kB (1%)	ggc
CFG verifier	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	0 kB (0%)	ggc
trivially dead code	:	0.00 (0%)	usr	0.00 (0%)	sys	0.03 (5%)	wall	0 kB (0%)	ggc
df scan insns	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	2 kB (0%)	ggc
df live regs	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	0 kB (0%)	ggc
tree gimplify	:	0.02 (4%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	668 kB (12%)	ggc
tree CFG construction	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	250 kB (4%)	ggc
tree find ref. vars	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	41 kB (1%)	ggc
tree SSA verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.04 (7%)	usr	0.01 (17%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.01 (2%)	usr	0.01 (17%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
expand vars	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	97 kB (2%)	ggc
expand	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	708 kB (13%)	ggc
integrated RA	:	0.07 (13%)	usr	0.00 (0%)	sys	0.07 (11%)	wall	637 kB (11%)	ggc
reload	:	0.04 (7%)	usr	0.00 (0%)	sys	0.03 (5%)	wall	219 kB (4%)	ggc
thread pro- & epilogue	:	0.03 (5%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	55 kB (1%)	ggc
final	:	0.03 (5%)	usr	0.00 (0%)	sys	0.04 (6%)	wall	118 kB (2%)	ggc
rest of compilation	:	0.01 (2%)	usr	0.00 (0%)	sys	0.03 (5%)	wall	251 kB (5%)	ggc
unaccounted todo	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
Module::parse	:	0.18 (32%)	usr	0.04 (67%)	sys	0.22 (34%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.05 (9%)	usr	0.00 (0%)	sys	0.06 (9%)	wall	21 kB (0%)	ggc
Module::semantic2	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	598 kB (11%)	ggc
TOTAL	:	0.56		0.06		0.64		5557 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/syserror.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c .././.././gcc-4.8/libphobos/std/syserror.d
```

Execution times (seconds)									
phase setup	:	0.02 (6%)	usr	0.00 (0%)	sys	0.02 (6%)	wall	1161 kB (80%)	ggc
phase parsing	:	0.28 (90%)	usr	0.01 (100%)	sys	0.30 (91%)	wall	131 kB (9%)	ggc
phase generate	:	0.01 (3%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	162 kB (11%)	ggc
parser (global)	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	21 kB (1%)	ggc
expand	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	31 kB (2%)	ggc
reload	:	0.01 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	8 kB (1%)	ggc
Module::semantic	:	0.26 (84%)	usr	0.01 (100%)	sys	0.28 (85%)	wall	21 kB (2%)	ggc
Module::semantic2	:	0.01 (3%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.01 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	87 kB (6%)	ggc
TOTAL	:	0.31		0.01		0.33		1455 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/system.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c .././.././gcc-4.8/libphobos/std/system.d
```

Execution times (seconds)

phase setup	:	0.01 (100%) usr	0.00 (0%) sys	0.01 (50%) wall	1161 kB (93%) ggc
phase parsing	:	0.00 (0%) usr	0.01 (100%) sys	0.01 (50%) wall	56 kB (5%) ggc
Module::parse	:	0.00 (0%) usr	0.01 (100%) sys	0.01 (50%) wall	0 kB (0%) ggc
TOTAL	:	0.01	0.01	0.02	1249 kB

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/random.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fddeprecated -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/random.d
```

Execution times (seconds)

phase setup	:	0.02 (3%) usr	0.00 (0%) sys	0.02 (3%) wall	1161 kB (18%) ggc
phase parsing	:	0.27 (44%) usr	0.10 (67%) sys	0.37 (48%) wall	789 kB (12%) ggc
phase generate	:	0.32 (52%) usr	0.05 (33%) sys	0.38 (49%) wall	4620 kB (70%) ggc
callgraph construction	:	0.01 (2%) usr	0.01 (7%) sys	0.02 (3%) wall	67 kB (1%) ggc
cfg construction	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (1%) wall	18 kB (0%) ggc
cfg cleanup	:	0.02 (3%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
trivially dead code	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (1%) wall	0 kB (0%) ggc
df scan insns	:	0.00 (0%) usr	0.00 (0%) sys	0.02 (3%) wall	8 kB (0%) ggc
df live regs	:	0.01 (2%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
register information	:	0.01 (2%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
alias analysis	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (1%) wall	19 kB (0%) ggc
tree gimplify	:	0.01 (2%) usr	0.00 (0%) sys	0.01 (1%) wall	496 kB (8%) ggc
tree operand scan	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (1%) wall	167 kB (3%) ggc
tree SSA verifier	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (1%) wall	0 kB (0%) ggc
tree STMT verifier	:	0.01 (2%) usr	0.01 (7%) sys	0.01 (1%) wall	0 kB (0%) ggc
callgraph verifier	:	0.02 (3%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
dominance computation	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (1%) wall	0 kB (0%) ggc
out of ssa	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (1%) wall	0 kB (0%) ggc
expand	:	0.04 (7%) usr	0.01 (7%) sys	0.05 (6%) wall	703 kB (11%) ggc
integrated RA	:	0.05 (8%) usr	0.02 (13%) sys	0.05 (6%) wall	1397 kB (21%) ggc
reload	:	0.04 (7%) usr	0.00 (0%) sys	0.05 (6%) wall	240 kB (4%) ggc
thread pro- & epilogue	:	0.01 (2%) usr	0.00 (0%) sys	0.01 (1%) wall	189 kB (3%) ggc
final	:	0.05 (8%) usr	0.00 (0%) sys	0.06 (8%) wall	190 kB (3%) ggc
rest of compilation	:	0.01 (2%) usr	0.00 (0%) sys	0.02 (3%) wall	368 kB (6%) ggc
unaccounted todo	:	0.01 (2%) usr	0.00 (0%) sys	0.01 (1%) wall	0 kB (0%) ggc
verify RTL sharing	:	0.02 (3%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
Module::parse	:	0.18 (30%) usr	0.09 (60%) sys	0.27 (35%) wall	0 kB (0%) ggc
Module::semantic	:	0.06 (10%) usr	0.01 (7%) sys	0.07 (9%) wall	39 kB (1%) ggc
Module::semantic2	:	0.01 (2%) usr	0.00 (0%) sys	0.01 (1%) wall	0 kB (0%) ggc
Module::semantic3	:	0.01 (2%) usr	0.00 (0%) sys	0.01 (1%) wall	0 kB (0%) ggc
Module::genobjfile	:	0.01 (2%) usr	0.00 (0%) sys	0.01 (1%) wall	725 kB (11%) ggc
TOTAL	:	0.61	0.15	0.77	6570 kB

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/range.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fddeprecated -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/range.d
```

Execution times (seconds)

phase setup	:	0.00 (0%) usr	0.01 (17%) sys	0.01 (3%) wall	1161 kB (91%) ggc
phase parsing	:	0.24 (96%) usr	0.05 (83%) sys	0.29 (94%) wall	88 kB (7%) ggc
phase generate	:	0.01 (4%) usr	0.00 (0%) sys	0.01 (3%) wall	32 kB (3%) ggc
dominance computation	:	0.01 (4%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
final	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (3%) wall	1 kB (0%) ggc
Module::parse	:	0.19 (76%) usr	0.04 (67%) sys	0.23 (74%) wall	0 kB (0%) ggc
Module::semantic	:	0.05 (20%) usr	0.00 (0%) sys	0.05 (16%) wall	21 kB (2%) ggc
Module::semantic2	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (3%) wall	0 kB (0%) ggc
Module::genobjfile	:	0.00 (0%) usr	0.01 (17%) sys	0.00 (0%) wall	42 kB (3%) ggc
TOTAL	:	0.25	0.06	0.31	1282 kB

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/regex.o -ftime-report
```

```
-fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe
-fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I
./libdruntime/x86_64-unknown-linux-gnu -m32 -c .././.././gcc-4.8/libphobos/std/regexp.d
```

Execution times (seconds)

phase setup	:	0.01 (0%) usr	0.01 (3%) sys	0.02 (0%) wall	1161 kB (3%) ggc
phase parsing	:	0.65 (18%) usr	0.13 (39%) sys	0.78 (19%) wall	5541 kB (13%) ggc
phase generate	:	3.00 (82%) usr	0.19 (58%) sys	3.28 (80%) wall	34545 kB (84%) ggc
garbage collection	:	0.20 (5%) usr	0.00 (0%) sys	0.19 (5%) wall	0 kB (0%) ggc
callgraph construction	:	0.02 (1%) usr	0.00 (0%) sys	0.06 (1%) wall	576 kB (1%) ggc
callgraph optimization	:	0.03 (1%) usr	0.00 (0%) sys	0.02 (0%) wall	676 kB (2%) ggc
cfg cleanup	:	0.01 (0%) usr	0.00 (0%) sys	0.05 (1%) wall	8 kB (0%) ggc
CFG verifier	:	0.08 (2%) usr	0.02 (6%) sys	0.13 (3%) wall	0 kB (0%) ggc
trivially dead code	:	0.02 (1%) usr	0.00 (0%) sys	0.03 (1%) wall	0 kB (0%) ggc
df scan insns	:	0.07 (2%) usr	0.00 (0%) sys	0.05 (1%) wall	38 kB (0%) ggc
df live regs	:	0.02 (1%) usr	0.00 (0%) sys	0.01 (0%) wall	0 kB (0%) ggc
df reg dead/unused notes:	:	0.01 (0%) usr	0.01 (3%) sys	0.06 (1%) wall	346 kB (1%) ggc
alias analysis	:	0.02 (1%) usr	0.00 (0%) sys	0.02 (0%) wall	145 kB (0%) ggc
rebuild jump labels	:	0.01 (0%) usr	0.00 (0%) sys	0.02 (0%) wall	0 kB (0%) ggc
inline heuristics	:	0.00 (0%) usr	0.00 (0%) sys	0.02 (0%) wall	160 kB (0%) ggc
tree gimplify	:	0.10 (3%) usr	0.00 (0%) sys	0.09 (2%) wall	4545 kB (11%) ggc
tree eh	:	0.01 (0%) usr	0.00 (0%) sys	0.00 (0%) wall	591 kB (1%) ggc
tree CFG construction	:	0.02 (1%) usr	0.02 (6%) sys	0.03 (1%) wall	1915 kB (5%) ggc
tree CFG cleanup	:	0.01 (0%) usr	0.00 (0%) sys	0.03 (1%) wall	29 kB (0%) ggc
tree find ref. vars	:	0.01 (0%) usr	0.01 (3%) sys	0.00 (0%) wall	298 kB (1%) ggc
tree SSA other	:	0.00 (0%) usr	0.01 (3%) sys	0.02 (0%) wall	61 kB (0%) ggc
tree operand scan	:	0.03 (1%) usr	0.02 (6%) sys	0.03 (1%) wall	1080 kB (3%) ggc
tree SSA verifier	:	0.02 (1%) usr	0.00 (0%) sys	0.04 (1%) wall	0 kB (0%) ggc
tree STMT verifier	:	0.16 (4%) usr	0.01 (3%) sys	0.16 (4%) wall	0 kB (0%) ggc
callgraph verifier	:	0.08 (2%) usr	0.01 (3%) sys	0.09 (2%) wall	0 kB (0%) ggc
dominance frontiers	:	0.01 (0%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
dominance computation	:	0.01 (0%) usr	0.00 (0%) sys	0.01 (0%) wall	0 kB (0%) ggc
out of ssa	:	0.06 (2%) usr	0.01 (3%) sys	0.02 (0%) wall	0 kB (0%) ggc
expand vars	:	0.02 (1%) usr	0.00 (0%) sys	0.04 (1%) wall	707 kB (2%) ggc
expand	:	0.23 (6%) usr	0.00 (0%) sys	0.21 (5%) wall	6441 kB (16%) ggc
post expand cleanups	:	0.07 (2%) usr	0.00 (0%) sys	0.02 (0%) wall	921 kB (2%) ggc
integrated RA	:	0.66 (18%) usr	0.02 (6%) sys	0.65 (16%) wall	7557 kB (18%) ggc
reload	:	0.30 (8%) usr	0.02 (6%) sys	0.34 (8%) wall	2416 kB (6%) ggc
thread pro- & epilogue	:	0.13 (4%) usr	0.00 (0%) sys	0.16 (4%) wall	865 kB (2%) ggc
final	:	0.20 (5%) usr	0.03 (9%) sys	0.37 (9%) wall	1147 kB (3%) ggc
rest of compilation	:	0.25 (7%) usr	0.00 (0%) sys	0.22 (5%) wall	2831 kB (7%) ggc
unaccounted todo	:	0.05 (1%) usr	0.00 (0%) sys	0.06 (1%) wall	0 kB (0%) ggc
verify RTL sharing	:	0.10 (3%) usr	0.00 (0%) sys	0.04 (1%) wall	0 kB (0%) ggc
Module::parse	:	0.16 (4%) usr	0.05 (15%) sys	0.22 (5%) wall	0 kB (0%) ggc
Module::semantic	:	0.04 (1%) usr	0.02 (6%) sys	0.05 (1%) wall	21 kB (0%) ggc
Module::semantic2	:	0.01 (0%) usr	0.00 (0%) sys	0.01 (0%) wall	0 kB (0%) ggc
Module::semantic3	:	0.34 (9%) usr	0.05 (15%) sys	0.40 (10%) wall	4 kB (0%) ggc
Module::genobjfile	:	0.08 (2%) usr	0.01 (3%) sys	0.09 (2%) wall	5485 kB (13%) ggc
TOTAL	:	3.66	0.33	4.08	41248 kB

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-
unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-
gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/regexp.o -ftime-report
-fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe
-fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I
./libdruntime/x86_64-unknown-linux-gnu -m32 -c .././.././gcc-4.8/libphobos/std/regexp.d
```

Execution times (seconds)

phase setup	:	0.01 (1%) usr	0.00 (0%) sys	0.01 (1%) wall	1161 kB (6%) ggc
phase parsing	:	0.33 (20%) usr	0.09 (69%) sys	0.43 (23%) wall	2152 kB (12%) ggc
phase generate	:	1.33 (80%) usr	0.04 (31%) sys	1.40 (76%) wall	15256 kB (82%) ggc
garbage collection	:	0.07 (4%) usr	0.01 (8%) sys	0.06 (3%) wall	0 kB (0%) ggc
callgraph construction	:	0.00 (0%) usr	0.00 (0%) sys	0.02 (1%) wall	250 kB (1%) ggc
callgraph optimization	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (1%) wall	169 kB (1%) ggc
cfg construction	:	0.00 (0%) usr	0.00 (0%) sys	0.03 (2%) wall	216 kB (1%) ggc
cfg cleanup	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (1%) wall	7 kB (0%) ggc
CFG verifier	:	0.03 (2%) usr	0.00 (0%) sys	0.04 (2%) wall	0 kB (0%) ggc
trivially dead code	:	0.01 (1%) usr	0.00 (0%) sys	0.05 (3%) wall	0 kB (0%) ggc
df scan insns	:	0.01 (1%) usr	0.00 (0%) sys	0.03 (2%) wall	9 kB (0%) ggc
df live regs	:	0.02 (1%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
df reg dead/unused notes:	:	0.01 (1%) usr	0.00 (0%) sys	0.02 (1%) wall	186 kB (1%) ggc

register information	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	0 kB (0%)	ggc
rebuild jump labels	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
parser (global)	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	21 kB (0%)	ggc
tree gimplify	:	0.06 (4%)	usr	0.01 (8%)	sys	0.06 (3%)	wall	2589 kB (14%)	ggc
tree eh	:	0.03 (2%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	144 kB (1%)	ggc
tree CFG cleanup	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	12 kB (0%)	ggc
tree PHI insertion	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	392 kB (2%)	ggc
tree SSA rewrite	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	421 kB (2%)	ggc
tree SSA other	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	15 kB (0%)	ggc
tree operand scan	:	0.03 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	555 kB (3%)	ggc
tree SSA verifier	:	0.02 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.05 (3%)	usr	0.00 (0%)	sys	0.06 (3%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.03 (2%)	usr	0.01 (8%)	sys	0.02 (1%)	wall	0 kB (0%)	ggc
dominance frontiers	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
dominance computation	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
out of ssa	:	0.02 (1%)	usr	0.00 (0%)	sys	0.03 (2%)	wall	0 kB (0%)	ggc
expand vars	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	373 kB (2%)	ggc
expand	:	0.12 (7%)	usr	0.00 (0%)	sys	0.08 (4%)	wall	2912 kB (16%)	ggc
post expand cleanups	:	0.02 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	251 kB (1%)	ggc
integrated RA	:	0.29 (17%)	usr	0.01 (8%)	sys	0.25 (14%)	wall	2979 kB (16%)	ggc
reload	:	0.12 (7%)	usr	0.00 (0%)	sys	0.13 (7%)	wall	967 kB (5%)	ggc
thread pro- & epilogue	:	0.08 (5%)	usr	0.00 (0%)	sys	0.08 (4%)	wall	233 kB (1%)	ggc
final	:	0.08 (5%)	usr	0.00 (0%)	sys	0.19 (10%)	wall	463 kB (2%)	ggc
rest of compilation	:	0.10 (6%)	usr	0.00 (0%)	sys	0.08 (4%)	wall	927 kB (5%)	ggc
unaccounted todo	:	0.03 (2%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.03 (2%)	usr	0.00 (0%)	sys	0.04 (2%)	wall	0 kB (0%)	ggc
Module::parse	:	0.20 (12%)	usr	0.07 (54%)	sys	0.26 (14%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.08 (5%)	usr	0.00 (0%)	sys	0.08 (4%)	wall	59 kB (0%)	ggc
Module::semantic2	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
Module::semantic3	:	0.02 (1%)	usr	0.01 (8%)	sys	0.04 (2%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.02 (1%)	usr	0.01 (8%)	sys	0.03 (2%)	wall	2068 kB (11%)	ggc
TOTAL	:	1.67		0.13		1.84		18571 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/traits.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c .././.././gcc-4.8/libphobos/std/traits.d
```

Execution times (seconds)

phase setup	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (4%)	wall	1161 kB (35%)	ggc
phase parsing	:	0.27 (66%)	usr	0.04 (67%)	sys	0.31 (65%)	wall	424 kB (13%)	ggc
phase generate	:	0.13 (32%)	usr	0.02 (33%)	sys	0.15 (31%)	wall	1717 kB (52%)	ggc
callgraph construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	44 kB (1%)	ggc
cfg construction	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	11 kB (0%)	ggc
df scan insns	:	0.01 (2%)	usr	0.01 (17%)	sys	0.00 (0%)	wall	2 kB (0%)	ggc
alias analysis	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	8 kB (0%)	ggc
tree gimplify	:	0.00 (0%)	usr	0.01 (17%)	sys	0.01 (2%)	wall	222 kB (7%)	ggc
tree SSA other	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	4 kB (0%)	ggc
callgraph verifier	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
integrated RA	:	0.01 (2%)	usr	0.00 (0%)	sys	0.06 (13%)	wall	403 kB (12%)	ggc
reload	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	93 kB (3%)	ggc
thread pro- & epilogue	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	58 kB (2%)	ggc
final	:	0.04 (10%)	usr	0.00 (0%)	sys	0.03 (6%)	wall	72 kB (2%)	ggc
rest of compilation	:	0.03 (7%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	138 kB (4%)	ggc
verify RTL sharing	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
Module::parse	:	0.19 (46%)	usr	0.04 (67%)	sys	0.24 (50%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.06 (15%)	usr	0.00 (0%)	sys	0.05 (10%)	wall	21 kB (1%)	ggc
Module::semantic2	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.02 (5%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	378 kB (11%)	ggc
TOTAL	:	0.41		0.06		0.48		3303 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/typecons.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c .././.././gcc-4.8/libphobos/std/typecons.d
```


Execution times (seconds)

phase setup	:	0.00 (0%) usr	0.01 (20%) sys	0.01 (3%) wall	1161 kB (84%) ggc
phase parsing	:	0.26 (100%) usr	0.04 (80%) sys	0.30 (94%) wall	141 kB (10%) ggc
phase generate	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (3%) wall	78 kB (6%) ggc
thread pro- & epilogue	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (3%) wall	3 kB (0%) ggc
Module::parse	:	0.20 (77%) usr	0.03 (60%) sys	0.23 (72%) wall	0 kB (0%) ggc
Module::semantic	:	0.05 (19%) usr	0.01 (20%) sys	0.06 (19%) wall	21 kB (2%) ggc
Module::semantic2	:	0.01 (4%) usr	0.00 (0%) sys	0.01 (3%) wall	0 kB (0%) ggc
TOTAL	:	0.26	0.05	0.32	1381 kB

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/typetuple.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fddeprecated -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/typetuple.d
```

Execution times (seconds)

phase setup	:	0.01 (4%) usr	0.00 (0%) sys	0.01 (3%) wall	1161 kB (92%) ggc
phase parsing	:	0.24 (92%) usr	0.05 (100%) sys	0.30 (94%) wall	75 kB (6%) ggc
phase generate	:	0.01 (4%) usr	0.00 (0%) sys	0.00 (0%) wall	28 kB (2%) ggc
phase finalize	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (3%) wall	0 kB (0%) ggc
tree gimplify	:	0.01 (4%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
Module::parse	:	0.19 (73%) usr	0.04 (80%) sys	0.23 (72%) wall	0 kB (0%) ggc
Module::semantic	:	0.05 (19%) usr	0.01 (20%) sys	0.06 (19%) wall	21 kB (2%) ggc
Module::semantic2	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (3%) wall	0 kB (0%) ggc
TOTAL	:	0.26	0.05	0.32	1266 kB

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/uni.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fddeprecated -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/uni.d
```

Execution times (seconds)

phase setup	:	0.01 (2%) usr	0.00 (0%) sys	0.01 (2%) wall	1161 kB (14%) ggc
phase parsing	:	0.09 (17%) usr	0.02 (50%) sys	0.11 (19%) wall	1405 kB (17%) ggc
phase generate	:	0.43 (81%) usr	0.02 (50%) sys	0.45 (78%) wall	5562 kB (68%) ggc
phase finalize	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (2%) wall	0 kB (0%) ggc
garbage collection	:	0.01 (2%) usr	0.00 (0%) sys	0.01 (2%) wall	0 kB (0%) ggc
callgraph construction	:	0.00 (0%) usr	0.00 (0%) sys	0.03 (5%) wall	352 kB (4%) ggc
cfg cleanup	:	0.01 (2%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
CFG verifier	:	0.01 (2%) usr	0.00 (0%) sys	0.01 (2%) wall	0 kB (0%) ggc
trivially dead code	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (2%) wall	0 kB (0%) ggc
df scan insns	:	0.00 (0%) usr	0.00 (0%) sys	0.02 (3%) wall	7 kB (0%) ggc
alias analysis	:	0.01 (2%) usr	0.01 (25%) sys	0.00 (0%) wall	29 kB (0%) ggc
rebuild jump labels	:	0.01 (2%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
parser (global)	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (2%) wall	21 kB (0%) ggc
inline heuristics	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (2%) wall	31 kB (0%) ggc
tree gimplify	:	0.02 (4%) usr	0.00 (0%) sys	0.01 (2%) wall	761 kB (9%) ggc
tree eh	:	0.01 (2%) usr	0.00 (0%) sys	0.00 (0%) wall	68 kB (1%) ggc
tree CFG construction	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (2%) wall	331 kB (4%) ggc
tree SSA other	:	0.01 (2%) usr	0.00 (0%) sys	0.01 (2%) wall	11 kB (0%) ggc
tree operand scan	:	0.02 (4%) usr	0.01 (25%) sys	0.00 (0%) wall	166 kB (2%) ggc
tree STMT verifier	:	0.01 (2%) usr	0.00 (0%) sys	0.01 (2%) wall	0 kB (0%) ggc
callgraph verifier	:	0.00 (0%) usr	0.00 (0%) sys	0.02 (3%) wall	0 kB (0%) ggc
out of ssa	:	0.01 (2%) usr	0.00 (0%) sys	0.02 (3%) wall	0 kB (0%) ggc
expand	:	0.03 (6%) usr	0.00 (0%) sys	0.02 (3%) wall	875 kB (11%) ggc
integrated RA	:	0.08 (15%) usr	0.00 (0%) sys	0.09 (16%) wall	1196 kB (15%) ggc
reload	:	0.07 (13%) usr	0.00 (0%) sys	0.03 (5%) wall	326 kB (4%) ggc
thread pro- & epilogue	:	0.03 (6%) usr	0.00 (0%) sys	0.02 (3%) wall	145 kB (2%) ggc
final	:	0.04 (8%) usr	0.00 (0%) sys	0.04 (7%) wall	210 kB (3%) ggc
rest of compilation	:	0.02 (4%) usr	0.00 (0%) sys	0.07 (12%) wall	381 kB (5%) ggc
unaccounted todo	:	0.01 (2%) usr	0.00 (0%) sys	0.01 (2%) wall	0 kB (0%) ggc
verify RTL sharing	:	0.02 (4%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
Module::parse	:	0.01 (2%) usr	0.00 (0%) sys	0.01 (2%) wall	0 kB (0%) ggc
Module::semantic3	:	0.06 (11%) usr	0.01 (25%) sys	0.07 (12%) wall	0 kB (0%) ggc
Module::genobjfile	:	0.02 (4%) usr	0.01 (25%) sys	0.02 (3%) wall	1367 kB (17%) ggc
TOTAL	:	0.53	0.04	0.58	8129 kB

```

/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/uri.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/uri.d

```

Execution times (seconds)

phase setup	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (4%)	wall	1161 kB (33%)	gdc
phase parsing	:	0.29 (66%)	usr	0.06 (86%)	sys	0.35 (67%)	wall	450 kB (13%)	gdc
phase generate	:	0.14 (32%)	usr	0.01 (14%)	sys	0.15 (29%)	wall	1867 kB (54%)	gdc
cfg cleanup	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	gdc
CFG verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	gdc
df reg dead/unused notes:	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	22 kB (1%)	gdc
tree eh	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	26 kB (1%)	gdc
tree CFG construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	109 kB (3%)	gdc
tree operand scan	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	79 kB (2%)	gdc
callgraph verifier	:	0.01 (2%)	usr	0.01 (14%)	sys	0.00 (0%)	wall	0 kB (0%)	gdc
expand	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	338 kB (10%)	gdc
integrated RA	:	0.02 (5%)	usr	0.00 (0%)	sys	0.03 (6%)	wall	346 kB (10%)	gdc
reload	:	0.02 (5%)	usr	0.00 (0%)	sys	0.04 (8%)	wall	150 kB (4%)	gdc
final	:	0.03 (7%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	60 kB (2%)	gdc
rest of compilation	:	0.03 (7%)	usr	0.00 (0%)	sys	0.02 (4%)	wall	118 kB (3%)	gdc
Module::parse	:	0.21 (48%)	usr	0.06 (86%)	sys	0.26 (50%)	wall	0 kB (0%)	gdc
Module::semantic	:	0.06 (14%)	usr	0.00 (0%)	sys	0.07 (13%)	wall	56 kB (2%)	gdc
Module::semantic2	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	gdc
Module::semantic3	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	gdc
Module::genobjfile	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	371 kB (11%)	gdc
TOTAL	:	0.44		0.07		0.52		3479 kB	

```

/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/utf.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/utf.d

```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (12%)	sys	0.01 (1%)	wall	1161 kB (18%)	gdc
phase parsing	:	0.27 (42%)	usr	0.05 (62%)	sys	0.32 (44%)	wall	768 kB (12%)	gdc
phase generate	:	0.37 (58%)	usr	0.02 (25%)	sys	0.40 (55%)	wall	4693 kB (71%)	gdc
callgraph construction	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	92 kB (1%)	gdc
cfg cleanup	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	gdc
CFG verifier	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	gdc
df scan insns	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	4 kB (0%)	gdc
df live regs	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	gdc
df reg dead/unused notes:	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	54 kB (1%)	gdc
tree gimplify	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	693 kB (10%)	gdc
tree eh	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	107 kB (2%)	gdc
tree CFG cleanup	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	gdc
tree SSA other	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	7 kB (0%)	gdc
tree operand scan	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	176 kB (3%)	gdc
tree STMT verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	0 kB (0%)	gdc
callgraph verifier	:	0.02 (3%)	usr	0.01 (13%)	sys	0.01 (1%)	wall	0 kB (0%)	gdc
dominance computation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	gdc
expand	:	0.03 (5%)	usr	0.00 (0%)	sys	0.05 (7%)	wall	845 kB (13%)	gdc
post expand cleanups	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	118 kB (2%)	gdc
integrated RA	:	0.07 (11%)	usr	0.01 (12%)	sys	0.09 (12%)	wall	1018 kB (15%)	gdc
reload	:	0.03 (5%)	usr	0.00 (0%)	sys	0.03 (4%)	wall	236 kB (4%)	gdc
thread pro- & epilogue	:	0.02 (3%)	usr	0.00 (0%)	sys	0.02 (3%)	wall	116 kB (2%)	gdc
final	:	0.04 (6%)	usr	0.00 (0%)	sys	0.03 (4%)	wall	161 kB (2%)	gdc
rest of compilation	:	0.03 (5%)	usr	0.00 (0%)	sys	0.04 (5%)	wall	332 kB (5%)	gdc
unaccounted todo	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	gdc
verify RTL sharing	:	0.02 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	gdc
Module::parse	:	0.19 (30%)	usr	0.04 (50%)	sys	0.23 (32%)	wall	0 kB (0%)	gdc
Module::semantic	:	0.05 (8%)	usr	0.00 (0%)	sys	0.06 (8%)	wall	21 kB (0%)	gdc
Module::semantic2	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	gdc
Module::semantic3	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	gdc
Module::genobjfile	:	0.01 (2%)	usr	0.01 (12%)	sys	0.02 (3%)	wall	721 kB (11%)	gdc

TOTAL : 0.64 0.08 0.73 6623 kB

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/variant.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c .././.././gcc-4.8/libphobos/std/variant.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (14%)	sys	0.02 (5%)	wall	1161 kB (59%)	gdc
phase parsing	:	0.30 (88%)	usr	0.05 (71%)	sys	0.35 (83%)	wall	251 kB (13%)	gdc
phase generate	:	0.04 (12%)	usr	0.01 (14%)	sys	0.05 (12%)	wall	558 kB (28%)	gdc
callgraph optimization	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	19 kB (1%)	gdc
tree STMT verifier	:	0.01 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	gdc
integrated RA	:	0.02 (6%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	160 kB (8%)	gdc
reload	:	0.01 (3%)	usr	0.01 (14%)	sys	0.01 (2%)	wall	24 kB (1%)	gdc
rest of compilation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (5%)	wall	42 kB (2%)	gdc
Module::parse	:	0.22 (65%)	usr	0.04 (57%)	sys	0.26 (62%)	wall	0 kB (0%)	gdc
Module::semantic	:	0.07 (21%)	usr	0.01 (14%)	sys	0.08 (19%)	wall	57 kB (3%)	gdc
Module::semantic2	:	0.01 (3%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	gdc
Module::genobjfile	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	171 kB (9%)	gdc
TOTAL	:	0.34		0.07		0.42		1971 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/xml.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -femit-templates -c .././.././gcc-4.8/libphobos/std/xml.d
```

Execution times (seconds)

phase setup	:	0.01 (0%)	usr	0.00 (0%)	sys	0.02 (0%)	wall	1161 kB (2%)	gdc
phase parsing	:	0.87 (16%)	usr	0.13 (28%)	sys	1.00 (16%)	wall	8658 kB (13%)	gdc
phase generate	:	4.70 (84%)	usr	0.34 (72%)	sys	5.17 (83%)	wall	54966 kB (85%)	gdc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	gdc
garbage collection	:	0.32 (6%)	usr	0.06 (13%)	sys	0.37 (6%)	wall	0 kB (0%)	gdc
callgraph construction	:	0.08 (1%)	usr	0.00 (0%)	sys	0.13 (2%)	wall	940 kB (1%)	gdc
callgraph optimization	:	0.05 (1%)	usr	0.02 (4%)	sys	0.10 (2%)	wall	1339 kB (2%)	gdc
cfg construction	:	0.01 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	437 kB (1%)	gdc
cfg cleanup	:	0.05 (1%)	usr	0.00 (0%)	sys	0.04 (1%)	wall	11 kB (0%)	gdc
CFG verifier	:	0.10 (2%)	usr	0.01 (2%)	sys	0.15 (2%)	wall	0 kB (0%)	gdc
trivially dead code	:	0.05 (1%)	usr	0.01 (2%)	sys	0.05 (1%)	wall	0 kB (0%)	gdc
df scan insns	:	0.11 (2%)	usr	0.01 (2%)	sys	0.11 (2%)	wall	77 kB (0%)	gdc
df live regs	:	0.06 (1%)	usr	0.01 (2%)	sys	0.05 (1%)	wall	0 kB (0%)	gdc
df reg dead/unused notes	:	0.02 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	537 kB (1%)	gdc
register information	:	0.05 (1%)	usr	0.00 (0%)	sys	0.04 (1%)	wall	0 kB (0%)	gdc
alias analysis	:	0.03 (1%)	usr	0.00 (0%)	sys	0.03 (0%)	wall	228 kB (0%)	gdc
rebuild jump labels	:	0.02 (0%)	usr	0.00 (0%)	sys	0.04 (1%)	wall	0 kB (0%)	gdc
inline heuristics	:	0.02 (0%)	usr	0.02 (4%)	sys	0.03 (0%)	wall	318 kB (0%)	gdc
tree gimplify	:	0.09 (2%)	usr	0.03 (6%)	sys	0.15 (2%)	wall	7107 kB (11%)	gdc
tree eh	:	0.04 (1%)	usr	0.00 (0%)	sys	0.05 (1%)	wall	1169 kB (2%)	gdc
tree CFG construction	:	0.06 (1%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	2827 kB (4%)	gdc
tree CFG cleanup	:	0.05 (1%)	usr	0.00 (0%)	sys	0.06 (1%)	wall	26 kB (0%)	gdc
tree find ref. vars	:	0.01 (0%)	usr	0.01 (2%)	sys	0.01 (0%)	wall	392 kB (1%)	gdc
tree PHI insertion	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (0%)	wall	341 kB (1%)	gdc
tree SSA other	:	0.01 (0%)	usr	0.00 (0%)	sys	0.02 (0%)	wall	121 kB (0%)	gdc
tree operand scan	:	0.03 (1%)	usr	0.01 (2%)	sys	0.02 (0%)	wall	1707 kB (3%)	gdc
tree SSA verifier	:	0.03 (1%)	usr	0.02 (4%)	sys	0.05 (1%)	wall	0 kB (0%)	gdc
tree STMT verifier	:	0.19 (3%)	usr	0.01 (2%)	sys	0.17 (3%)	wall	0 kB (0%)	gdc
callgraph verifier	:	0.13 (2%)	usr	0.03 (6%)	sys	0.12 (2%)	wall	0 kB (0%)	gdc
dominance frontiers	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	gdc
dominance computation	:	0.01 (0%)	usr	0.00 (0%)	sys	0.04 (1%)	wall	0 kB (0%)	gdc
out of ssa	:	0.04 (1%)	usr	0.00 (0%)	sys	0.05 (1%)	wall	0 kB (0%)	gdc
expand vars	:	0.02 (0%)	usr	0.00 (0%)	sys	0.02 (0%)	wall	996 kB (2%)	gdc
expand	:	0.38 (7%)	usr	0.02 (4%)	sys	0.43 (7%)	wall	9504 kB (15%)	gdc
post expand cleanups	:	0.03 (1%)	usr	0.00 (0%)	sys	0.05 (1%)	wall	1373 kB (2%)	gdc
varconst	:	0.01 (0%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	18 kB (0%)	gdc
integrated RA	:	0.83 (15%)	usr	0.03 (6%)	sys	0.63 (10%)	wall	13956 kB (22%)	gdc
reload	:	0.46 (8%)	usr	0.00 (0%)	sys	0.63 (10%)	wall	2676 kB (4%)	gdc

thread pro- & epilogue	:	0.24 (4%)	usr	0.02 (4%)	sys	0.16 (3%)	wall	1659 kB (3%)	ggc
reg stack	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
final	:	0.53 (9%)	usr	0.02 (4%)	sys	0.56 (9%)	wall	1898 kB (3%)	ggc
rest of compilation	:	0.41 (7%)	usr	0.01 (2%)	sys	0.46 (7%)	wall	4387 kB (7%)	ggc
unaccounted todo	:	0.10 (2%)	usr	0.00 (0%)	sys	0.13 (2%)	wall	0 kB (0%)	ggc
verify RTL sharing	:	0.06 (1%)	usr	0.00 (0%)	sys	0.18 (3%)	wall	0 kB (0%)	ggc
Module::parse	:	0.20 (4%)	usr	0.04 (9%)	sys	0.24 (4%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.06 (1%)	usr	0.00 (0%)	sys	0.06 (1%)	wall	27 kB (0%)	ggc
Module::semantic2	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	ggc
Module::semantic3	:	0.44 (8%)	usr	0.07 (15%)	sys	0.50 (8%)	wall	9 kB (0%)	ggc
Module::genobjfile	:	0.14 (3%)	usr	0.01 (2%)	sys	0.15 (2%)	wall	8581 kB (13%)	ggc
TOTAL	:	5.58		0.47		6.20		64786 kB	

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/zip.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fddeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ../../../../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/zip.d

```

Execution times (seconds)

phase setup	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	1161 kB (18%)	ggc
phase parsing	:	0.51 (59%)	usr	0.10 (71%)	sys	0.62 (61%)	wall	785 kB (12%)	ggc
phase generate	:	0.34 (40%)	usr	0.04 (29%)	sys	0.38 (38%)	wall	4461 kB (70%)	ggc
callgraph construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	113 kB (2%)	ggc
callgraph optimization	:	0.01 (1%)	usr	0.01 (7%)	sys	0.00 (0%)	wall	70 kB (1%)	ggc
df scan insns	:	0.02 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	3 kB (0%)	ggc
alias analysis	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	36 kB (1%)	ggc
tree gimplify	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	865 kB (14%)	ggc
tree CFG construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	158 kB (2%)	ggc
tree CFG cleanup	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
tree find ref. vars	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	65 kB (1%)	ggc
tree SSA verifier	:	0.02 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.01 (1%)	usr	0.01 (7%)	sys	0.02 (2%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	0 kB (0%)	ggc
dominance computation	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
out of ssa	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	0 kB (0%)	ggc
expand	:	0.03 (3%)	usr	0.00 (0%)	sys	0.04 (4%)	wall	871 kB (14%)	ggc
post expand cleanups	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	63 kB (1%)	ggc
integrated RA	:	0.05 (6%)	usr	0.00 (0%)	sys	0.06 (6%)	wall	856 kB (13%)	ggc
reload	:	0.05 (6%)	usr	0.00 (0%)	sys	0.04 (4%)	wall	227 kB (4%)	ggc
thread pro- & epilogue	:	0.04 (5%)	usr	0.01 (7%)	sys	0.01 (1%)	wall	92 kB (1%)	ggc
machine dep reorg	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
final	:	0.02 (2%)	usr	0.01 (7%)	sys	0.06 (6%)	wall	108 kB (2%)	ggc
rest of compilation	:	0.03 (3%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	275 kB (4%)	ggc
verify RTL sharing	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	0 kB (0%)	ggc
Module::parse	:	0.38 (44%)	usr	0.09 (64%)	sys	0.47 (47%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.10 (12%)	usr	0.01 (7%)	sys	0.11 (11%)	wall	80 kB (1%)	ggc
Module::semantic2	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
Module::semantic3	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (2%)	wall	1 kB (0%)	ggc
Module::genobjfile	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	677 kB (11%)	ggc
TOTAL	:	0.86		0.14		1.01		6408 kB	

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/zlib.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fddeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ../../../../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/zlib.d

```

Execution times (seconds)

phase setup	:	0.02 (4%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	1161 kB (34%)	ggc
phase parsing	:	0.30 (65%)	usr	0.08 (80%)	sys	0.39 (70%)	wall	502 kB (15%)	ggc
phase generate	:	0.14 (30%)	usr	0.02 (20%)	sys	0.16 (29%)	wall	1739 kB (51%)	ggc
callgraph construction	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	51 kB (1%)	ggc
df scan insns	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	2 kB (0%)	ggc
df reg dead/unused notes	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	16 kB (0%)	ggc
rebuild jump labels	:	0.00 (0%)	usr	0.01 (10%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
tree CFG construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	102 kB (3%)	ggc
tree SSA other	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	4 kB (0%)	ggc

tree SSA verifier	:	0.00 (0%)	usr	0.01 (10%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.01 (2%)	usr	0.00 (0%)	sys	0.02 (4%)	wall	0 kB (0%)	ggc
expand	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	334 kB (10%)	ggc
integrated RA	:	0.04 (9%)	usr	0.00 (0%)	sys	0.02 (4%)	wall	394 kB (12%)	ggc
reload	:	0.02 (4%)	usr	0.00 (0%)	sys	0.03 (5%)	wall	88 kB (3%)	ggc
thread pro- & epilogue	:	0.01 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	51 kB (2%)	ggc
final	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	60 kB (2%)	ggc
rest of compilation	:	0.01 (2%)	usr	0.00 (0%)	sys	0.04 (7%)	wall	128 kB (4%)	ggc
unaccounted todo	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
Module::parse	:	0.21 (46%)	usr	0.06 (60%)	sys	0.28 (50%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.07 (15%)	usr	0.02 (20%)	sys	0.08 (14%)	wall	64 kB (2%)	ggc
Module::semantic2	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
Module::semantic3	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.01 (2%)	usr	0.00 (0%)	sys	0.01 (2%)	wall	414 kB (12%)	ggc
TOTAL	:	0.46		0.10		0.56		3404 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/c/fenv.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fddeprecated -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/c/fenv.d
```

Execution times (seconds)

phase setup	:	0.01 (50%)	usr	0.00 (0%)	sys	0.02 (67%)	wall	1161 kB (94%)	ggc
phase generate	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	27 kB (2%)	ggc
callgraph construction	:	0.01 (50%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	1 kB (0%)	ggc
integrated RA	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	12 kB (1%)	ggc
TOTAL	:	0.02		0.00		0.03		1230 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/c/locale.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fddeprecated -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/c/locale.d
```

Execution times (seconds)

phase setup	:	0.01 (50%)	usr	0.01 (100%)	sys	0.02 (67%)	wall	1161 kB (94%)	ggc
phase parsing	:	0.01 (50%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	42 kB (3%)	ggc
phase generate	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	27 kB (2%)	ggc
integrated RA	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	12 kB (1%)	ggc
Module::parse	:	0.01 (50%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
TOTAL	:	0.02		0.01		0.03		1232 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/c/math.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fddeprecated -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/c/math.d
```

Execution times (seconds)

phase setup	:	0.02 (33%)	usr	0.00 (0%)	sys	0.02 (33%)	wall	1161 kB (95%)	ggc
phase parsing	:	0.03 (50%)	usr	0.00 (0%)	sys	0.03 (50%)	wall	39 kB (3%)	ggc
phase generate	:	0.01 (17%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	27 kB (2%)	ggc
integrated RA	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	12 kB (1%)	ggc
thread pro- & epilogue	:	0.01 (17%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	1 kB (0%)	ggc
Module::parse	:	0.02 (33%)	usr	0.00 (0%)	sys	0.02 (33%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (17%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	9 kB (1%)	ggc
TOTAL	:	0.06		0.00		0.06		1228 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/c/process.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fddeprecated -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/c/process.d
```

Execution times (seconds)

phase setup	:	0.01 (50%)	usr	0.00 (0%)	sys	0.02 (50%)	wall	1161 kB (93%)	ggc
phase parsing	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (25%)	wall	54 kB (4%)	ggc
phase generate	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (25%)	wall	27 kB (2%)	ggc
thread pro- & epilogue	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (25%)	wall	1 kB (0%)	ggc
Module::parse	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (25%)	wall	0 kB (0%)	ggc
TOTAL	:	0.02		0.00		0.04		1244 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/c/stdarg.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ../../../../gcc-4.8/libphobos/std/c/stdarg.d
```

Execution times (seconds)

phase setup	:	0.00 (0%)	usr	0.01 (100%)	sys	0.02 (33%)	wall	1161 kB (95%)	ggc
phase parsing	:	0.03 (100%)	usr	0.00 (0%)	sys	0.03 (50%)	wall	39 kB (3%)	ggc
phase generate	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	27 kB (2%)	ggc
rest of compilation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	2 kB (0%)	ggc
Module::parse	:	0.01 (33%)	usr	0.00 (0%)	sys	0.01 (17%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.02 (67%)	usr	0.00 (0%)	sys	0.02 (33%)	wall	9 kB (1%)	ggc
TOTAL	:	0.03		0.01		0.06		1228 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/c/stddef.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ../../../../gcc-4.8/libphobos/std/c/stddef.d
```

Execution times (seconds)

phase setup	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (50%)	wall	1161 kB (95%)	ggc
phase parsing	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (50%)	wall	39 kB (3%)	ggc
Module::parse	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (50%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (50%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	9 kB (1%)	ggc
TOTAL	:	0.02		0.00		0.02		1228 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/c/stdio.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ../../../../gcc-4.8/libphobos/std/c/stdio.d
```

Execution times (seconds)

phase setup	:	0.02 (40%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	1161 kB (94%)	ggc
phase parsing	:	0.03 (60%)	usr	0.00 (0%)	sys	0.04 (80%)	wall	43 kB (4%)	ggc
Module::parse	:	0.02 (40%)	usr	0.00 (0%)	sys	0.02 (40%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (20%)	usr	0.00 (0%)	sys	0.02 (40%)	wall	14 kB (1%)	ggc
TOTAL	:	0.05		0.00		0.05		1233 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/c/stdlib.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ../../../../gcc-4.8/libphobos/std/c/stdlib.d
```

Execution times (seconds)

phase setup	:	0.01 (25%)	usr	0.00 (0%)	sys	0.02 (40%)	wall	1161 kB (94%)	ggc
phase parsing	:	0.03 (75%)	usr	0.00 (0%)	sys	0.03 (60%)	wall	44 kB (4%)	ggc
Module::parse	:	0.02 (50%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.01 (25%)	usr	0.00 (0%)	sys	0.02 (40%)	wall	12 kB (1%)	ggc
TOTAL	:	0.04		0.00		0.05		1234 kB	

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/c/string.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/c/string.d
```

Execution times (seconds)

phase setup	:	0.00 (0%) usr	0.01 (100%) sys	0.02 (67%) wall	1161 kB (94%) ggc
phase parsing	:	0.01 (100%) usr	0.00 (0%) sys	0.00 (0%) wall	40 kB (3%) ggc
phase generate	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (33%) wall	27 kB (2%) ggc
callgraph verifier	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (33%) wall	0 kB (0%) ggc
Module::parse	:	0.01 (100%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
TOTAL	:	0.01	0.01	0.03	1230 kB

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/c/time.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/c/time.d
```

Execution times (seconds)

phase setup	:	0.01 (25%) usr	0.00 (0%) sys	0.01 (25%) wall	1161 kB (94%) ggc
phase parsing	:	0.02 (50%) usr	0.01 (100%) sys	0.03 (75%) wall	40 kB (3%) ggc
phase generate	:	0.01 (25%) usr	0.00 (0%) sys	0.00 (0%) wall	27 kB (2%) ggc
callgraph optimization	:	0.01 (25%) usr	0.00 (0%) sys	0.00 (0%) wall	1 kB (0%) ggc
Module::parse	:	0.01 (25%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
Module::semantic	:	0.01 (25%) usr	0.01 (100%) sys	0.03 (75%) wall	11 kB (1%) ggc
TOTAL	:	0.04	0.01	0.04	1230 kB

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/c/wcharh.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/c/wcharh.d
```

Execution times (seconds)

phase setup	:	0.01 (33%) usr	0.00 (0%) sys	0.01 (17%) wall	1161 kB (94%) ggc
phase parsing	:	0.02 (67%) usr	0.02 (100%) sys	0.04 (67%) wall	45 kB (4%) ggc
phase finalize	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (17%) wall	0 kB (0%) ggc
Module::parse	:	0.01 (33%) usr	0.02 (100%) sys	0.03 (50%) wall	0 kB (0%) ggc
Module::semantic	:	0.01 (33%) usr	0.00 (0%) sys	0.01 (17%) wall	16 kB (1%) ggc
TOTAL	:	0.03	0.02	0.06	1235 kB

```
/home/iaian/src/gdc/build48/objdir/./gcc/gdc -B/home/iaian/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/internal/math/biguintcore.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../././././gcc-4.8/libphobos -I ../././././gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../././././gcc-4.8/libphobos/std/internal/math/biguintcore.d
```

Execution times (seconds)

phase setup	:	0.01 (1%) usr	0.00 (0%) sys	0.01 (1%) wall	1161 kB (7%) ggc
phase parsing	:	0.07 (5%) usr	0.01 (20%) sys	0.08 (5%) wall	1758 kB (10%) ggc
phase generate	:	1.32 (94%) usr	0.04 (80%) sys	1.39 (94%) wall	14647 kB (83%) ggc
garbage collection	:	0.06 (4%) usr	0.00 (0%) sys	0.07 (5%) wall	0 kB (0%) ggc
callgraph construction	:	0.03 (2%) usr	0.00 (0%) sys	0.03 (2%) wall	217 kB (1%) ggc
callgraph optimization	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (1%) wall	123 kB (1%) ggc
cfg construction	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (1%) wall	143 kB (1%) ggc
cfg cleanup	:	0.02 (1%) usr	0.00 (0%) sys	0.00 (0%) wall	1 kB (0%) ggc
CFG verifier	:	0.03 (2%) usr	0.00 (0%) sys	0.06 (4%) wall	0 kB (0%) ggc
trivially dead code	:	0.01 (1%) usr	0.00 (0%) sys	0.02 (1%) wall	0 kB (0%) ggc
df scan insns	:	0.07 (5%) usr	0.00 (0%) sys	0.05 (3%) wall	7 kB (0%) ggc
df live regs	:	0.03 (2%) usr	0.00 (0%) sys	0.03 (2%) wall	0 kB (0%) ggc
df reg dead/unused notes	:	0.01 (1%) usr	0.00 (0%) sys	0.01 (1%) wall	182 kB (1%) ggc
register information	:	0.01 (1%) usr	0.00 (0%) sys	0.02 (1%) wall	0 kB (0%) ggc

alias analysis	:	0.01 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	74 kB (0%)	ggc
rebuild jump labels	:	0.03 (2%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
inline heuristics	:	0.02 (1%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	31 kB (0%)	ggc
tree gimplify	:	0.04 (3%)	usr	0.01 (20%)	sys	0.06 (4%)	wall	2646 kB (15%)	ggc
tree CFG construction	:	0.02 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	889 kB (5%)	ggc
tree CFG cleanup	:	0.02 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	8 kB (0%)	ggc
tree SSA other	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	11 kB (0%)	ggc
tree operand scan	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	474 kB (3%)	ggc
tree SSA verifier	:	0.02 (1%)	usr	0.01 (20%)	sys	0.01 (1%)	wall	0 kB (0%)	ggc
tree STMT verifier	:	0.08 (6%)	usr	0.01 (20%)	sys	0.05 (3%)	wall	0 kB (0%)	ggc
callgraph verifier	:	0.02 (1%)	usr	0.00 (0%)	sys	0.03 (2%)	wall	0 kB (0%)	ggc
dominance computation	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
out of ssa	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
expand	:	0.06 (4%)	usr	0.01 (20%)	sys	0.13 (9%)	wall	2788 kB (16%)	ggc
post expand cleanups	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	215 kB (1%)	ggc
integrated RA	:	0.22 (16%)	usr	0.00 (0%)	sys	0.24 (16%)	wall	2323 kB (13%)	ggc
reload	:	0.19 (14%)	usr	0.00 (0%)	sys	0.18 (12%)	wall	1320 kB (8%)	ggc
thread pro- & epilogue	:	0.04 (3%)	usr	0.00 (0%)	sys	0.06 (4%)	wall	186 kB (1%)	ggc
reg stack	:	0.01 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	2 kB (0%)	ggc
final	:	0.04 (3%)	usr	0.00 (0%)	sys	0.16 (11%)	wall	432 kB (2%)	ggc
rest of compilation	:	0.14 (10%)	usr	0.00 (0%)	sys	0.06 (4%)	wall	1253 kB (7%)	ggc
verify RTL sharing	:	0.05 (4%)	usr	0.00 (0%)	sys	0.06 (4%)	wall	0 kB (0%)	ggc
Module::parse	:	0.02 (1%)	usr	0.01 (20%)	sys	0.03 (2%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.02 (1%)	usr	0.00 (0%)	sys	0.01 (1%)	wall	15 kB (0%)	ggc
Module::semantic3	:	0.01 (1%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	0 kB (0%)	ggc
Module::genobjfile	:	0.02 (1%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	1719 kB (10%)	ggc
TOTAL	:	1.40		0.05		1.48		17567 kB	

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o
std/internal/math/biguintnoasm.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC
-fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I
../../../../gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c
../../../../gcc-4.8/libphobos/std/internal/math/biguintnoasm.d

```

Execution times (seconds)

phase setup	:	0.02 (14%)	usr	0.00 (0%)	sys	0.02 (12%)	wall	1161 kB (38%)	ggc
phase parsing	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	179 kB (6%)	ggc
phase generate	:	0.12 (86%)	usr	0.02 (100%)	sys	0.14 (82%)	wall	1680 kB (56%)	ggc
callgraph construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	25 kB (1%)	ggc
callgraph optimization	:	0.01 (7%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	18 kB (1%)	ggc
df scan insns	:	0.01 (7%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	1 kB (0%)	ggc
df live regs	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	0 kB (0%)	ggc
df reg dead/unused notes	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	21 kB (1%)	ggc
alias analysis	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	15 kB (1%)	ggc
tree gimplify	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	288 kB (10%)	ggc
tree SSA verifier	:	0.00 (0%)	usr	0.01 (50%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
dominance computation	:	0.01 (7%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
expand vars	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	54 kB (2%)	ggc
expand	:	0.01 (7%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	286 kB (9%)	ggc
integrated RA	:	0.03 (21%)	usr	0.01 (50%)	sys	0.02 (12%)	wall	317 kB (11%)	ggc
reload	:	0.02 (14%)	usr	0.00 (0%)	sys	0.04 (24%)	wall	159 kB (5%)	ggc
final	:	0.01 (7%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	49 kB (2%)	ggc
rest of compilation	:	0.01 (7%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	148 kB (5%)	ggc
unaccounted todo	:	0.01 (7%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
Module::parse	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (6%)	wall	0 kB (0%)	ggc
TOTAL	:	0.14		0.02		0.17		3022 kB	

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/internal/math/biguintx86.o
-ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed
-nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime
-I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/internal/math/biguintx86.d

```

Execution times (seconds)

phase setup	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (50%)	wall	1161 kB (95%)	ggc
phase parsing	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (50%)	wall	39 kB (3%)	ggc


```

Module::parse      :    0.01 (50%) usr    0.00 ( 0%) sys    0.01 (50%) wall        0 kB ( 0%) ggc
TOTAL              :    0.02              0.00              0.02              1228 kB

```

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o
std/internal/math/gammafunction.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC
-fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I
../../../../../../gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c
../../../../../../gcc-4.8/libphobos/std/internal/math/gammafunction.d

```

Execution times (seconds)

```

phase setup      :    0.02 ( 3%) usr    0.00 ( 0%) sys    0.02 ( 3%) wall      1161 kB (19%) ggc
phase parsing    :    0.27 (44%) usr    0.04 (67%) sys    0.32 (46%) wall      545 kB ( 9%) ggc
phase generate   :    0.33 (53%) usr    0.02 (33%) sys    0.35 (50%) wall     4332 kB (72%) ggc
phase finalize   :    0.00 ( 0%) usr    0.00 ( 0%) sys    0.01 ( 1%) wall        0 kB ( 0%) ggc
cfg cleanup      :    0.01 ( 2%) usr    0.00 ( 0%) sys    0.00 ( 0%) wall       10 kB ( 0%) ggc
df scan insns    :    0.01 ( 2%) usr    0.00 ( 0%) sys    0.02 ( 3%) wall        1 kB ( 0%) ggc
rebuild jump labels :    0.00 ( 0%) usr    0.00 ( 0%) sys    0.01 ( 1%) wall        0 kB ( 0%) ggc
tree gimplify    :    0.02 ( 3%) usr    0.00 ( 0%) sys    0.00 ( 0%) wall      396 kB ( 7%) ggc
tree CFG construction :    0.00 ( 0%) usr    0.00 ( 0%) sys    0.01 ( 1%) wall      171 kB ( 3%) ggc
tree SSA rewrite  :    0.00 ( 0%) usr    0.00 ( 0%) sys    0.01 ( 1%) wall       95 kB ( 2%) ggc
tree SSA other    :    0.00 ( 0%) usr    0.01 (17%) sys    0.00 ( 0%) wall        2 kB ( 0%) ggc
tree operand scan :    0.00 ( 0%) usr    0.00 ( 0%) sys    0.01 ( 1%) wall      164 kB ( 3%) ggc
tree STMT verifier :    0.01 ( 2%) usr    0.00 ( 0%) sys    0.00 ( 0%) wall        0 kB ( 0%) ggc
out of ssa       :    0.00 ( 0%) usr    0.00 ( 0%) sys    0.01 ( 1%) wall        0 kB ( 0%) ggc
expand           :    0.02 ( 3%) usr    0.00 ( 0%) sys    0.03 ( 4%) wall      812 kB (13%) ggc
post expand cleanups :    0.02 ( 3%) usr    0.00 ( 0%) sys    0.01 ( 1%) wall      164 kB ( 3%) ggc
integrated RA     :    0.05 ( 8%) usr    0.01 (17%) sys    0.04 ( 6%) wall      733 kB (12%) ggc
reload           :    0.07 (11%) usr    0.00 ( 0%) sys    0.05 ( 7%) wall      482 kB ( 8%) ggc
thread pro- & epilogue :    0.01 ( 2%) usr    0.00 ( 0%) sys    0.00 ( 0%) wall        36 kB ( 1%) ggc
reg stack        :    0.01 ( 2%) usr    0.00 ( 0%) sys    0.01 ( 1%) wall       53 kB ( 1%) ggc
final            :    0.05 ( 8%) usr    0.00 ( 0%) sys    0.07 (10%) wall       84 kB ( 1%) ggc
rest of compilation :    0.04 ( 6%) usr    0.00 ( 0%) sys    0.07 (10%) wall      586 kB (10%) ggc
unaccounted todo  :    0.01 ( 2%) usr    0.00 ( 0%) sys    0.00 ( 0%) wall        0 kB ( 0%) ggc
Module::parse     :    0.20 (32%) usr    0.04 (67%) sys    0.24 (34%) wall        0 kB ( 0%) ggc
Module::semantic  :    0.05 ( 8%) usr    0.00 ( 0%) sys    0.05 ( 7%) wall       21 kB ( 0%) ggc
Module::semantic2 :    0.01 ( 2%) usr    0.00 ( 0%) sys    0.01 ( 1%) wall        0 kB ( 0%) ggc
Module::semantic3 :    0.00 ( 0%) usr    0.00 ( 0%) sys    0.01 ( 1%) wall        0 kB ( 0%) ggc
Module::genobjfile :    0.01 ( 2%) usr    0.00 ( 0%) sys    0.01 ( 1%) wall      499 kB ( 8%) ggc
TOTAL             :    0.62              0.06              0.70              6040 kB

```

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o
std/internal/math/errorfunction.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC
-fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I
../../../../../../gcc-4.8/libphobos/libdruntime -I ./libdruntime/x86_64-unknown-linux-gnu -m32 -c
../../../../../../gcc-4.8/libphobos/std/internal/math/errorfunction.d

```

Execution times (seconds)

```

phase setup      :    0.01 ( 3%) usr    0.00 ( 0%) sys    0.02 ( 5%) wall      1161 kB (52%) ggc
phase parsing    :    0.22 (76%) usr    0.08 (100%) sys    0.30 (75%) wall      187 kB ( 8%) ggc
phase generate   :    0.06 (21%) usr    0.00 ( 0%) sys    0.07 (18%) wall      880 kB (39%) ggc
phase finalize   :    0.00 ( 0%) usr    0.00 ( 0%) sys    0.01 ( 2%) wall        0 kB ( 0%) ggc
CFG verifier     :    0.01 ( 3%) usr    0.00 ( 0%) sys    0.00 ( 0%) wall        0 kB ( 0%) ggc
parser (global)  :    0.00 ( 0%) usr    0.01 (12%) sys    0.00 ( 0%) wall       21 kB ( 1%) ggc
tree STMT verifier :    0.00 ( 0%) usr    0.00 ( 0%) sys    0.01 ( 2%) wall        0 kB ( 0%) ggc
integrated RA     :    0.00 ( 0%) usr    0.00 ( 0%) sys    0.01 ( 3%) wall      213 kB (10%) ggc
reload           :    0.01 ( 3%) usr    0.00 ( 0%) sys    0.02 ( 5%) wall       57 kB ( 3%) ggc
final            :    0.01 ( 3%) usr    0.00 ( 0%) sys    0.01 ( 3%) wall       25 kB ( 1%) ggc
rest of compilation :    0.02 ( 7%) usr    0.00 ( 0%) sys    0.01 ( 2%) wall       98 kB ( 4%) ggc
verify RTL sharing :    0.01 ( 3%) usr    0.00 ( 0%) sys    0.01 ( 3%) wall        0 kB ( 0%) ggc
Module::parse     :    0.17 (59%) usr    0.05 (62%) sys    0.23 (58%) wall        0 kB ( 0%) ggc
Module::semantic  :    0.04 (14%) usr    0.02 (25%) sys    0.06 (15%) wall       21 kB ( 1%) ggc
Module::semantic2 :    0.01 ( 3%) usr    0.00 ( 0%) sys    0.00 ( 0%) wall        0 kB ( 0%) ggc
Module::genobjfile :    0.00 ( 0%) usr    0.00 ( 0%) sys    0.01 ( 3%) wall      141 kB ( 6%) ggc
TOTAL             :    0.29              0.08              0.40              2229 kB

```

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/internal/processinit.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c .././.././gcc-4.8/libphobos/std/internal/processinit.d
```

Execution times (seconds)

phase setup	:	0.01 (50%)	usr	0.00 (0%)	sys	0.02 (67%)	wall	1161 kB (95%)	gdc
phase parsing	:	0.01 (50%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	39 kB (3%)	gdc
Module::parse	:	0.01 (50%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	gdc
Module::semantic	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (33%)	wall	9 kB (1%)	gdc
TOTAL	:	0.02		0.00		0.03		1228 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/internal/uni.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I .././.././gcc-4.8/libphobos -I .././.././gcc-4.8/libphobos/libdruntime -I ../libdruntime/x86_64-unknown-linux-gnu -m32 -c .././.././gcc-4.8/libphobos/std/internal/uni.d
```

Execution times (seconds)

phase setup	:	0.01 (0%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	1161 kB (5%)	gdc
phase parsing	:	0.54 (23%)	usr	0.07 (32%)	sys	0.61 (23%)	wall	3018 kB (12%)	gdc
phase generate	:	1.77 (76%)	usr	0.15 (68%)	sys	1.98 (76%)	wall	21545 kB (84%)	gdc
garbage collection	:	0.10 (4%)	usr	0.00 (0%)	sys	0.11 (4%)	wall	0 kB (0%)	gdc
callgraph construction	:	0.01 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	332 kB (1%)	gdc
callgraph optimization	:	0.00 (0%)	usr	0.01 (5%)	sys	0.05 (2%)	wall	578 kB (2%)	gdc
cfg construction	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	131 kB (1%)	gdc
cfg cleanup	:	0.00 (0%)	usr	0.01 (5%)	sys	0.02 (1%)	wall	2 kB (0%)	gdc
CFG verifier	:	0.05 (2%)	usr	0.00 (0%)	sys	0.05 (2%)	wall	0 kB (0%)	gdc
trivially dead code	:	0.01 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	gdc
df scan insns	:	0.05 (2%)	usr	0.01 (5%)	sys	0.06 (2%)	wall	33 kB (0%)	gdc
df live regs	:	0.03 (1%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	gdc
df reg dead/unused notes	:	0.02 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	199 kB (1%)	gdc
register information	:	0.01 (0%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	gdc
alias analysis	:	0.00 (0%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	92 kB (0%)	gdc
rebuild jump labels	:	0.01 (0%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	0 kB (0%)	gdc
inline heuristics	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	141 kB (1%)	gdc
tree gimplify	:	0.05 (2%)	usr	0.02 (9%)	sys	0.05 (2%)	wall	2633 kB (10%)	gdc
tree eh	:	0.02 (1%)	usr	0.00 (0%)	sys	0.02 (1%)	wall	326 kB (1%)	gdc
tree CFG construction	:	0.01 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	1126 kB (4%)	gdc
tree CFG cleanup	:	0.01 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	9 kB (0%)	gdc
tree find ref. vars	:	0.02 (1%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	145 kB (1%)	gdc
tree SSA other	:	0.01 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	52 kB (0%)	gdc
tree operand scan	:	0.01 (0%)	usr	0.01 (5%)	sys	0.01 (0%)	wall	663 kB (3%)	gdc
tree SSA verifier	:	0.03 (1%)	usr	0.00 (0%)	sys	0.03 (1%)	wall	0 kB (0%)	gdc
tree STMT verifier	:	0.06 (3%)	usr	0.00 (0%)	sys	0.13 (5%)	wall	0 kB (0%)	gdc
callgraph verifier	:	0.06 (3%)	usr	0.02 (9%)	sys	0.04 (2%)	wall	0 kB (0%)	gdc
dominance computation	:	0.01 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	gdc
out of ssa	:	0.02 (1%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	gdc
expand	:	0.13 (6%)	usr	0.01 (5%)	sys	0.18 (7%)	wall	3670 kB (14%)	gdc
post expand cleanups	:	0.01 (0%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	535 kB (2%)	gdc
mode switching	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	gdc
integrated RA	:	0.34 (15%)	usr	0.01 (5%)	sys	0.32 (12%)	wall	5649 kB (22%)	gdc
reload	:	0.15 (6%)	usr	0.01 (5%)	sys	0.18 (7%)	wall	1044 kB (4%)	gdc
thread pro- & epilogue	:	0.05 (2%)	usr	0.00 (0%)	sys	0.08 (3%)	wall	709 kB (3%)	gdc
final	:	0.19 (8%)	usr	0.03 (14%)	sys	0.26 (10%)	wall	779 kB (3%)	gdc
rest of compilation	:	0.20 (9%)	usr	0.01 (5%)	sys	0.11 (4%)	wall	1818 kB (7%)	gdc
unaccounted todo	:	0.06 (3%)	usr	0.00 (0%)	sys	0.04 (2%)	wall	0 kB (0%)	gdc
verify RTL sharing	:	0.04 (2%)	usr	0.00 (0%)	sys	0.06 (2%)	wall	0 kB (0%)	gdc
Module::parse	:	0.21 (9%)	usr	0.03 (14%)	sys	0.23 (9%)	wall	0 kB (0%)	gdc
Module::semantic	:	0.05 (2%)	usr	0.00 (0%)	sys	0.06 (2%)	wall	21 kB (0%)	gdc
Module::semantic2	:	0.01 (0%)	usr	0.00 (0%)	sys	0.01 (0%)	wall	0 kB (0%)	gdc
Module::semantic3	:	0.22 (9%)	usr	0.03 (14%)	sys	0.25 (10%)	wall	3 kB (0%)	gdc
Module::genobjfile	:	0.05 (2%)	usr	0.01 (5%)	sys	0.06 (2%)	wall	2965 kB (12%)	gdc
TOTAL	:	2.32		0.22		2.62		25726 kB	

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-
```

```
gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/internal/uni_tab.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ../../../../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/internal/uni_tab.d
```

Execution times (seconds)

phase setup	:	0.01 (2%) usr	0.00 (0%) sys	0.01 (2%) wall	1161 kB (11%) ggc
phase parsing	:	0.38 (75%) usr	0.05 (71%) sys	0.43 (70%) wall	8505 kB (81%) ggc
phase generate	:	0.12 (24%) usr	0.02 (29%) sys	0.17 (28%) wall	788 kB (8%) ggc
garbage collection	:	0.02 (4%) usr	0.00 (0%) sys	0.02 (3%) wall	0 kB (0%) ggc
callgraph construction	:	0.08 (16%) usr	0.00 (0%) sys	0.11 (18%) wall	549 kB (5%) ggc
tree CFG cleanup	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (2%) wall	0 kB (0%) ggc
tree STMT verifier	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (2%) wall	0 kB (0%) ggc
callgraph verifier	:	0.02 (4%) usr	0.01 (14%) sys	0.01 (2%) wall	0 kB (0%) ggc
expand	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (2%) wall	34 kB (0%) ggc
reload	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (2%) wall	4 kB (0%) ggc
thread pro- & epilogue	:	0.01 (2%) usr	0.00 (0%) sys	0.00 (0%) wall	12 kB (0%) ggc
rest of compilation	:	0.01 (2%) usr	0.00 (0%) sys	0.00 (0%) wall	19 kB (0%) ggc
unaccounted todo	:	0.00 (0%) usr	0.01 (14%) sys	0.01 (2%) wall	0 kB (0%) ggc
Module::parse	:	0.20 (39%) usr	0.04 (57%) sys	0.23 (38%) wall	0 kB (0%) ggc
Module::semantic	:	0.05 (10%) usr	0.00 (0%) sys	0.06 (10%) wall	21 kB (0%) ggc
Module::semantic2	:	0.01 (2%) usr	0.00 (0%) sys	0.01 (2%) wall	0 kB (0%) ggc
Module::genobjfile	:	0.10 (20%) usr	0.01 (14%) sys	0.11 (18%) wall	8295 kB (79%) ggc
TOTAL	:	0.51	0.07	0.61	10455 kB

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o std/net/isemail.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ../../../../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/std/net/isemail.d
```

Execution times (seconds)

phase setup	:	0.01 (3%) usr	0.00 (0%) sys	0.02 (5%) wall	1161 kB (55%) ggc
phase parsing	:	0.25 (83%) usr	0.06 (100%) sys	0.30 (79%) wall	259 kB (12%) ggc
phase generate	:	0.04 (13%) usr	0.00 (0%) sys	0.06 (16%) wall	707 kB (33%) ggc
df scan insns	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (3%) wall	1 kB (0%) ggc
alias analysis	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (3%) wall	5 kB (0%) ggc
tree gimplify	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (3%) wall	84 kB (4%) ggc
expand	:	0.01 (3%) usr	0.00 (0%) sys	0.01 (3%) wall	166 kB (8%) ggc
integrated RA	:	0.01 (3%) usr	0.00 (0%) sys	0.01 (3%) wall	178 kB (8%) ggc
reload	:	0.01 (3%) usr	0.00 (0%) sys	0.00 (0%) wall	34 kB (2%) ggc
final	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (3%) wall	31 kB (1%) ggc
rest of compilation	:	0.01 (3%) usr	0.00 (0%) sys	0.00 (0%) wall	39 kB (2%) ggc
Module::parse	:	0.19 (63%) usr	0.04 (67%) sys	0.23 (61%) wall	0 kB (0%) ggc
Module::semantic	:	0.04 (13%) usr	0.01 (17%) sys	0.06 (16%) wall	22 kB (1%) ggc
Module::semantic2	:	0.01 (3%) usr	0.00 (0%) sys	0.00 (0%) wall	0 kB (0%) ggc
Module::semantic3	:	0.00 (0%) usr	0.01 (17%) sys	0.01 (3%) wall	0 kB (0%) ggc
Module::genobjfile	:	0.01 (3%) usr	0.00 (0%) sys	0.00 (0%) wall	212 kB (10%) ggc
TOTAL	:	0.30	0.06	0.38	2129 kB

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o crc32.o -ftime-report -fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe -fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I ../../../../libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/crc32.d
```

Execution times (seconds)

phase setup	:	0.02 (50%) usr	0.00 (0%) sys	0.01 (25%) wall	1161 kB (79%) ggc
phase parsing	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (25%) wall	86 kB (6%) ggc
phase generate	:	0.02 (50%) usr	0.00 (0%) sys	0.02 (50%) wall	218 kB (15%) ggc
integrated RA	:	0.01 (25%) usr	0.00 (0%) sys	0.02 (50%) wall	86 kB (6%) ggc
rest of compilation	:	0.01 (25%) usr	0.00 (0%) sys	0.00 (0%) wall	14 kB (1%) ggc
Module::semantic	:	0.00 (0%) usr	0.00 (0%) sys	0.01 (25%) wall	9 kB (1%) ggc
TOTAL	:	0.04	0.00	0.04	1467 kB

```
/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-
```

```

gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o etc/c/curl.o -ftime-report
-fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe
-fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I
./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/etc/c/curl.d

```

Execution times (seconds)

phase setup	:	0.02 (7%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	1161 kB (70%)	ggc
phase parsing	:	0.28 (93%)	usr	0.07 (88%)	sys	0.36 (92%)	wall	407 kB (25%)	ggc
phase generate	:	0.00 (0%)	usr	0.01 (12%)	sys	0.02 (5%)	wall	87 kB (5%)	ggc
callgraph construction	:	0.00 (0%)	usr	0.01 (12%)	sys	0.00 (0%)	wall	60 kB (4%)	ggc
callgraph optimization	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	1 kB (0%)	ggc
integrated RA	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	12 kB (1%)	ggc
Module::parse	:	0.21 (70%)	usr	0.04 (50%)	sys	0.27 (69%)	wall	0 kB (0%)	ggc
Module::semantic	:	0.05 (17%)	usr	0.03 (38%)	sys	0.08 (21%)	wall	61 kB (4%)	ggc
Module::semantic2	:	0.02 (7%)	usr	0.00 (0%)	sys	0.01 (3%)	wall	0 kB (0%)	ggc
TOTAL	:	0.30		0.08		0.39		1656 kB	

```

/home/iain/src/gdc/build48/objdir/./gcc/gdc -B/home/iain/src/gdc/build48/objdir/./gcc/ -B/usr/local/x86_64-
unknown-linux-gnu/bin/ -B/usr/local/x86_64-unknown-linux-gnu/lib/ -isystem /usr/local/x86_64-unknown-linux-
gnu/include -isystem /usr/local/x86_64-unknown-linux-gnu/sys-include -m32 -o etc/c/zlib.o -ftime-report
-fversion=GC_Use_Alloc_MMap -fversion=GC_Use_Stack_GLibC -fversion=GC_Use_Data_Fixed -nostdinc -pipe
-fdeprecated -I ../../../../gcc-4.8/libphobos -I ../../../../gcc-4.8/libphobos/libdruntime -I
./libdruntime/x86_64-unknown-linux-gnu -m32 -c ../../../../gcc-4.8/libphobos/etc/c/zlib.d

```

Execution times (seconds)

phase setup	:	0.02 (50%)	usr	0.00 (0%)	sys	0.02 (40%)	wall	1161 kB (77%)	ggc
phase generate	:	0.02 (50%)	usr	0.01 (100%)	sys	0.02 (40%)	wall	195 kB (13%)	ggc
phase finalize	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	0 kB (0%)	ggc
callgraph optimization	:	0.01 (25%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	11 kB (1%)	ggc
tree PHI insertion	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	0 kB (0%)	ggc
tree SSA verifier	:	0.01 (25%)	usr	0.00 (0%)	sys	0.00 (0%)	wall	0 kB (0%)	ggc
expand	:	0.00 (0%)	usr	0.01 (100%)	sys	0.00 (0%)	wall	24 kB (2%)	ggc
rest of compilation	:	0.00 (0%)	usr	0.00 (0%)	sys	0.01 (20%)	wall	16 kB (1%)	ggc
TOTAL	:	0.04		0.01		0.05		1505 kB	