
Subject: Linux compile fails

Posted by [iplayfast](#) on Fri, 24 Feb 2006 09:19:50 GMT

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After editing the Makefile to give names (as mentioned in the readme) it compiled everything but then died on the final link.

It was trying to write the output to /src/ide I believe. (no such directory on my system).

I changed it to bin/Theide and let er rip.

It then came back with

```
/usr/lib/gcc/i686-pc-linux-gnu/3.4.5/../../../../i686-pc-linux-gnu/bin/ld:
```

```
./bin/ide/GCC32-Gcc-Gui-Linux-Main-Shared/SelectPkg.o(.gnu.linkonce.r._ZTV14CallbackAction+0x8): unresolvable relocation against symbol `__cxa_pure_virtual@@CXXABI_1.3'
```

```
/usr/lib/gcc/i686-pc-linux-gnu/3.4.5/../../../../i686-pc-linux-gnu/bin/ld: final link failed:
```

```
Nonrepresentable section on output
```

```
collect2: ld returned 1 exit status
```

```
distcc[23448] ERROR: compile (null) on localhost failed
```

```
make: *** [bin/Theide] Error 1
```

I'm not sure what to do with that.

I'm compiling using Linux

```
gcc -v
```

```
Reading specs from /usr/lib/gcc/i686-pc-linux-gnu/3.4.5/specs
```

```
Configured with: /var/tmp/portage/gcc-3.4.5/work/gcc-3.4.5/configure --prefix=/usr
```

```
--bindir=/usr/i686-pc-linux-gnu/gcc-bin/3.4.5
```

```
--includedir=/usr/lib/gcc/i686-pc-linux-gnu/3.4.5/include
```

```
--datadir=/usr/share/gcc-data/i686-pc-linux-gnu/3.4.5
```

```
--mandir=/usr/share/gcc-data/i686-pc-linux-gnu/3.4.5/man
```

```
--infodir=/usr/share/gcc-data/i686-pc-linux-gnu/3.4.5/info
```

```
--with-gxx-include-dir=/usr/lib/gcc/i686-pc-linux-gnu/3.4.5/include/g++-v3 --host=i686-pc-linux-gnu
```

```
--build=i686-pc-linux-gnu --disable-altivec --enable-nls --without-included-gettext --with-system-zlib
```

```
--disable-checking --disable-werror --disable-libunwind-exceptions --disable-multilib
```

```
--disable-libmudflap --disable-libgcj --enable-languages=c,c++,f77 --enable-shared
```

```
--enable-threads=posix --enable-__cxa_atexit --enable-clocale=gnu
```

```
Thread model: posix
```

```
gcc version 3.4.5 (Gentoo 3.4.5, ssp-3.4.5-1.0, pie-8.7.9)
```