Q: I obtained the Free Software Foundations libraries described in   ../Objective_C/C++_libraries.rtf, but they won't compile. What do I have to do to get them to compile?

A: There are a couple of things that you must do in order to compile version 1.37.0 of libg++ on NEXTSTEP.

·   First, you must turn off the inclusion of libg++'s malloc routines.   You can do this by setting a compiler flag.   Edit the Makefile and search for MALLOC.   Remove the comment # indicator on the line which sets XTRAFLAGS to -DNO_LIBGXX_MALLOC.   It looks like this when you've finished:

         # Use this to disable placing libg++ version of malloc in libg++.a
         XTRAFLAGS = -DNO_LIBGXX_MALLOC

         You should also make this change in the Makefile in the **tests** directory.

·   Also, if you are not using gnu make, you should change this line in the same Makefile:

         #PWD := $(shell pwd)

         to point to the directory in which the sources live.

·   Next, you must modify the time.h file. There are some conflicts with the time.h file which is shipped with libg++ and the time.h that comes with the NeXT system. Change the first few lines to look like this:

         #ifndef time_h
         #define time_h 1

```
#ifdef NeXT
#define _TIME_H 1
#endif
```

·   Modify the Makefile in the **src** and the **tests** directory. Set GXX to cc++ and set VERBOSITY_FLAGS to -Wall (remove the -v flag. Changing verbosity isn't necessary, but with -v set you will get lots of useless messages.

Like this:
```
GXX = cc++
VERBOSITY_FLAGS = -Wall
```

After doing each of these, the GNU libraries compile on NEXTSTEP.

See also: ../Objective_C/C++_libraries.rtf.

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Valid for 2.0, 3.0