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Linking, Revisited
Traditional method of getting from source code to something the processor can execute involves compiling (to object code) and linking.
Linking combines object code and (references to) libraries to produce an executable.
Libraries can be static (code merged into executable at link time) or dynamic (code loaded at runtime, potentially shared among processes). The latter are called DLLs in Windows, shared libraries in UNIX/Linux.



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Libraries in Linux, Continued
Creating a static library is relatively straightforward:
Compile code as usual and then use ar to combine object code files into library.
(Example.)



• (Example.)

