

What tools will I need to build SLIC

Tools

tool	description	website	required	notes
bash	shell	http://www.gnu.org/software/bash/	yes	technically sh, but go with bash shell
make	build system	http://www.gnu.org/software/make/	yes	use the command gmake
gcc	compiler	http://gcc.gnu.org/	yes	implies g++, ld, etc.
java	language	http://java.sun.com/	yes	required to build LCIO
autconf	configuration system	http://www.gnu.org/software/autconf/	no	only required if configure needs to be regenerated (for developers)
wget	file downloader	http://www.gnu.org/software/wget/	no	only required for SimDist
scp	SSH file downloader	http://www.openssh.com/	no	only required if uploading tarballs to the distribution area with SimDist

Java

Java may not be present on your system. In this case, install the [JDK 5.0](#) for your platform.

Windows

You will need to install <http://www.cygwin.com/>. For simplicity, just install everything.



Make on Windows

Geant4 is not compatible with the current version of make in Cygwin. After installing Cygwin, download an [older make version](#) that is compatible with Geant4. Otherwise, the build will fail.

OSX

OSX comes with most of the tools above. You may have to install [wget](#) if you want to use SimDist.

Linux

All of the above tools should be installed on a typical Linux machine.