

# Installing xSPIM

## Source Code

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[spim.tar.gz](http://spim.tar.gz)

## Install

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Create the directory structure in your home directory.

- `$cd ~`
- `$mkdir -p spim/bin`
- `$mkdir -p spim/lib/spim`
- `$mkdir -p spim/man/en`

Download the source code from above, and untar it

- `$tar -zxvf spim.tar.tz`

Configure and Modify the Makefile

- `$cd spim-08/xspim`
- `./Configure`
- `$xmkmf`
- Change Makefile line 1078 to `"BIN_DIR = <home_dir_full_path>/spim/bin`
- Change Makefile line 1081 to `"EXCEPTION_DIR = <home_dir_full_path>/spim/lib/spim`
- Change Makefile line 1084 to `"MAN_DIR = <home_dir_full_path>/spim/man/en`

Build the xSPIM simulator

- `$make`
- `$make install`

## Usage

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You should now have the simulator installed at `"$~/spim/bin/xspim"`