

Instructions for compiling Marsyas on CCRMA linux lab machines  
(lines starting with # are comments and lines starting with %  
are commands typed on a terminal)

```
# Checkout the source code from the svn repository
% svn co https://marsyas.svn.sourceforge.net/svnroot/marsyas/trunk marsyas
# Configure the build
% cd marsyas
% mkdir build
% cd build
% ccmake ../src
```

```
# Using the curses interface to CMake you should do the following
# Press c to configure. Turn ON the following options
# WITH_SWIG, WITH_QT, WITH_OPENGL
# WITH_SWIG might fail. Manually edit the PYTHON_INCLUDE_PATH to
# /usr/include/python2.7 and the PYTHON_LIBRARY to
# /usr/lib/python2.7/config/libpython2.7.so
```

```
# Now you are finally ready to compile
make -j 8
```

```
# Once compilation is finished several command-line tools
# are available in build/bin
```

```
% cd bin
% ./mudbox -t sine
```

```
# The final step is needed to get the Python bindings to work.
# On a machine in which you have administrative privileges
# you could do
% sudo make install
```

```
# At CCRMA you don't so we have to do it locally
```

```
% cd ~
% mkdir lib/python
% cp ~/marsyas/build/lib/* ~/lib/python
% cp ~/marsyas/build/swig/python/*.py ~/lib/python
```

```
# Now we need to tell python where to find the marsyas bindings
# Edit the file .cshrc in your home directory and add the following line
# under case Linux:
# setenv PYTHONPATH ${PYTHONPATH}:${HOME}/lib/python
```

