

# Installation instructions

## preparation

1. Make sure you have installed `subversion` client tools, namely the executable `svn`.
2. Install ObsPy, please follow the [?online instructions](#).
3. Install `python-sqlalchemy` software (available in every Linux software repository).
4. Install `python-pysqlite2` package.
5. Install `wxpython` graphical framework (dito, sometimes called "python-wxtools" or "python-wxpython").

## installation program

The current alpha version offers a simple installation program only.

1. Download [setup.py](#).
2. Run "python setup.py make", this will create the installation script `/tmp/install-shx.py`.
3. Execute "sudo python /tmp/install-shx.py".
4. After installation the path to the command-line interface is printed. You may set an alias to this script for convenience.

## manual installation

1. Go to the desired installation directory of SHX (afterwards referred as `$instdir`).
2. Get the current code from Subversion repository:

```
svn export https://www.seismic-handler.org/svn/SHX/trunk/SeismicHandler
```

3. Create a symbolic link inside python's library. Using the next instructions you can determine the proper path:

```
$ python
>>> from distutils.sysconfig import get_python_lib
>>> print(get_python_lib())
/usr/local/lib/python2.7/site-packages
>>> quit
$ cd /usr/local/lib/python2.7/site-packages
$ ln -s $instdir/SeismicHandler
```

4. Now you can start the command line interface via

```
$ $instdir/SeismicHandler/bin/SH
```

5. For convenience you may set an alias in local profile:

```
alias SHX=$instdir/SeismicHandler/bin/SH
```

## Notes

For easy updates simply use "check out" command of subversion instead of "export":

```
svn co https://www.seismic-handler.org/svn/SHX/trunk/SeismicHandler
```

```
svn up # later update
```