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