

# Installing Spatialite Tools on Ubuntu

## Installing Spatialite Tools on Ubuntu

Follow these instructions to install Spatialite on Ubuntu.



*Note: This was tested on Ubuntu 12.04.1 LTS.*

### Requirements:

- install spatialite ([instructions can be found here](#))
- install packages expat libexpat1-dev zlib1g-dev

```
sudo apt-get install expat libexpat1-dev zlib1g-dev
```

### Instructions:

- download and compile [readosm \(1.0.0b\)](#)

```
wget http://www.gaia-gis.it/gaia-sins/readosm-1.0.0b.tar.gz
tar xzf readosm-1.0.0b.tar.gz
cd readosm-1.0.0b
./configure
make
sudo make install
cd ..
```

- download and compile [spatialite-tools \(4.1.1\)](#)

```
wget http://www.gaia-gis.it/gaia-sins/spatialite-tools-4.1.1.tar.gz
tar xzf spatialite-tools-4.1.1.tar.gz
cd spatialite-tools-4.1.1
./configure
make
sudo make install
cd ..
```

### Usage:

Now you should have access to all the tools.

Some tools may raise errors due to missing file e.g. ... missing file libspatialite.so.2. In such cases simply add the appropriate file to library path.

e.g.

```
sudo ldconfig /usr/local/lib/libspaitalite.so.2
```