

# How to compile GRASS GIS on Slackware

This HOWTO explains how to compile [GRASS GIS](#) on Slackware.

```
su - # switch to root

# create postgres group and user for postgresql, one of pdal dependencies
groupadd -g 209 postgres
useradd -u 209 -g 209 -d /var/lib/pgsql postgres

# install dependency libraries;
# build queuefiles, not packages, to automatically build any other
dependencies
sbopkg -k -i "proj gdal pdal blas lapack"

# switch to non-root
exit

# clone github repositories
mkdir -p ~/usr/local/src
cd ~/usr/local/src
git clone https://github.com/HuidaeCho/grass-build-scripts.git
git clone https://github.com/OSGeo/grass.git
git clone https://github.com/OSGeo/grass-addons.git
git clone https://github.com/OSGeo/gdal-grass.git

# create ~/.grassbuildrc
cd grass-build-scripts
cp .grassbuildrc-example ~

# build grass
./build.sh -m -a -g >& ~/usr/local/src/grass/build.log
```

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