

How to compile MODFLOW 6 on Slackware

MODFLOW 6 is parallelized using [the Message Passing Interface \(MPI\)](#) and [the Portable, Extensible Toolkit for Scientific Computation \(PETSc\)](#). This HOWTO explains how to compile these dependencies and MODFLOW 6 on Slackware.

```
# switch to root
su -

# install openmpi and python3-numpy; petsc requires python3-numpy and blas;
# build queuefiles, not packages, to automatically build any other
dependencies
sbopkg -k -i "openmpi python3-numpy blas lapack"

# download and unzip a petsc build script
cd /tmp
wget https://clawiki.isnew.info/_media/howtos/petsc.zip
unzip petsc.zip
cd petsc

# build petsc
./petsc.SlackBuild

# install petsc
cd ..
rm -rf petsc
installpkg petsc-*.tgz
```

From:
<https://www.hydrowiki.isnew.info/> - HydroCS Wiki

Permanent link:
https://www.hydrowiki.isnew.info/howtos/how_to_compile_modflow_6_on_slackware?rev=1724163130

Last update: 2024-08-20 08:12 am

