

# 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 ..
```

From:  
<https://clawiki.isnew.info/> - **CLAWRIM Wiki**

Permanent link:  
[https://clawiki.isnew.info/howtos/how\\_to\\_compile\\_modflow\\_6\\_on\\_slackware?rev=1724162824](https://clawiki.isnew.info/howtos/how_to_compile_modflow_6_on_slackware?rev=1724162824)

Last update: **2024-08-20 08:07 am**

