

# MPI Setup

Aaron Morgenegg

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OpenMPI setup instructions for linux mint 19

1. Download latest stable release of openmpi

`https://www.open-mpi.org/software/ompi/v3.1/`

2. Open up the tar to desired location

```
mv /Downloads/openmpi-3.1.2.tar.gz /Projects/OpenMPI
tar -xzf openmpi-3.1.2.tar.gz
rm openmpi-3.1.2.tar.gz
```

3. Run MPI Configuration

```
cd /Projects/OpenMPI
./configure
```

4. Build OpenMPI - this will take a while

```
sudo make all install
```

5. Run this config (<https://askubuntu.com/questions/738667/problem-with-mpicc>)

```
sudo ldconfig
```

6. Test the installation was successful

```
mpiexec -version
```