

Building openMPI with intel compiler

To build openMPI with intel compiler:

```
export CC=icc
export CXX=icpc
export F77=ifort
export F90=ifort
export FC=ifort
export LIBS="-lirc"
./configure
make -j 64 # or the number of cores you have
```

Then to install it, you must do it as super user:

```
su root #sudo -s on ubuntu
make install
exit #leave root session
```

Once installed you need to tell the linker the library path, to do so:

```
su root #sudo -s on ubuntu
echo "/usr/local/lib" > /etc/ld.so.conf.d/iopenmpi.conf
ldconfig #Tell the linker to update cache
exit #leave root session
```