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MPICH installation

This installation will install MPICH without root support

1. Download the latest release from https://www.mpich.org/downloads/

2. cd $HOME

3. mkdir MPI

4. cp /home/name/Downloads/mpich-version.tar.gz /home/name/MPI

5. cd /home/name/MPI

6. tar xfz mpich-version.tar.gz

7. Installation directory - mkdir mpich-install

8. Build directory - mkdir mpich-build

You will have three directories now - mpich-version, mpich-build, mpich-install

9. Enter into the build directory - cd mpich-build

10. /home/name/MPI/mpich-version/configure -prefix=/home/name/MPI/mpich-install

11. make

12. make install

Add the bin directory to your path (vim ~/.bashrc)

13. export PATH=/home/name/MPI/mpich-install/bin:$PATH

Note : name == penguin (name of your system), version == 4.0.2 (say)