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// How to install
$ sudo apt-get update
[$ sudo apt-get upgade]
$ sudo apt-get install mpich
// How to compile
$ mpiCC (or mpicc) prog.cpp
// How to run
$ mpirun -np 4 ./a.out
// How to uninstall
$ sudo apt-get remove mpich
MPI Init (&argc,&argv)
MPI Comm size (comm,&size)
MPI Comm rank (comm,&rank)
MPI Finalize ()
int MPI Send(void *buf, int count, MPI Datatype datatype, int dest,
            int tag, MPI Comm comm)
int MPI Recv(void *buf, int count, MPI Datatype datatype, int source,
            int tag, MPI_Comm comm, MPI Status *status )
MPI Get count(MPI Status *status, MPI Datatype datatype, int *count)
int MPI Isend( void *buf, int count, MPI Datatype datatype, int dest, int tag,
            MPI Comm comm, MPI Request *request)
int MPI Wait (MPI Request *request, MPI Status *status)
int MPI Test (MPI Request *request, int *flag, MPI Status *status)
int MPI Type vector(int block count, int block length, int stride,
           MPI Datatype old datatype, MPI Datatype* new datatype);
int MPI Type commit(MPI Datatype* datatype);
int MPI Type free(MPI Datatype* datatype);
```