Using MPI in Simple Programs

Up Next Programs for computing pi

- Fortran program for calculating pi (Download) (Figure 3.2)
- <u>C program for calculating pi</u> (<u>Download</u>) (Figure 3.3)
- Timing the program for pi (Download) (Figure 3.4)
- C program for Monte Carlo computation of pi (Download) (Figures 3.14-3.17)

Matrix vector and Matrix-matrix multiply

- Matrix-vector multiply (Download) (Figures 3.5-3.7)
- Matrix-matrix multiply (Download) (Figure 3.8)
- Matrix-matrix multiply with logging (Download) (Figures 3.9-3.11)

Build Files

- Makefile.in (download)
- <u>Makefile</u> (download)

Examples Programs for Chapter 3: Using MPI in Simple Programs

This section contains the example programs from Chapter 3, along with a Makefile and a Makefile in that may be used with the configure program included with the examples. To run the programs, consult your MPI implementation. Many implementations provide an mpiexec program, as recommended by the MPI standard. The logging versions of the programs (monte and matmatlog) require the mpe library.

- MPI Standard 3.0
- MPI ForumUsing MPI and Using
 Advanced MPI