





Two schools for programming parallel systems:

- Automatic detection of parallelism in serial programs and automatic distribution of data and computation.
- User specified parallelism (data distribution, computation distribution, or both).

Writing parallel programs:

- Divide the work among the processes/threads such that

 (a) each process/thread gets roughly the same amount of work
 (b) communication is minimized.
- 2. Arrange for the processes/threads to synchronize.
- 3. Arrange for communication among processes/threads.

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