

系统环境

- 1 操作系统为XP x64 （Dell）
- 2 软件版本： STAR-CCM+3.06.006
- 3 故障： STAR-CCM+可以做4CPU并行计算，超过4CPU出现以下错误信息。

Output

9m_1 × 9m_1 ×

```
**

MPI Error : Other MPI error, error stack:
MPI_Testall(237).....: MPI_Testall(count=1, req_array=0x0000000008D9A220, flag=0x000000000012C178, status_array=0x0000000008CD7D10) failed
MPIDI_CH3_Progress_test(102).....: an error occurred while handling an event returned by MPIDU_Sock_Wait()
MPIDI_CH3I_Progress_handle_sock_event(422):
(unknown)(): :
  CompletedCommand: RunSimulation
  In: [Machine::main, SimulationIterator::startSimulation, SteadySolver::step, SegregatedFlowSolver::iterationUpdate, AMGLinearSolver::solve]
  Processor: 4
  Recoverability: Non-recoverable
  ServerState: exiting
  error: Server Error

Server shutting down to avoid deadlock on non-recoverable error.

unable to read the cmd header on the pmi context, Undefined dynamic error code.
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解决方法

mpich的版本问题。

默认STAR-CCM+3.06.006安装的是mpich版本，
需要安装mpich2即可解决。