



Scheduling the whole node

Big changes in resources

- Diverse set of nodes: old 4C and newer dense, resource rich nodes
- Example:
 - 4S servers w/ 16C CPU
 - 2 in each 2U chassis (128C)
 - IO characteristics (# local spindles, direct access)
- Which attributes, where used (panda, pilot), how published, how changed

Expect big code changes in '12

- AthenaMP (MJ)
- IO scheduling

Impact on efficiency

- Leaving threads unused
- Configuration effect on wall time efficiency
- We'll need studies to guide us here, and flexibility to iterate