





























## Thread context switch

- Very simple for user-level threads: save context of currently running thread
  push machine state onto thread stack
  - restore context of the next thread · pop machine state from next thread's stack return to caller as the new thread
  - · execution resumes at PC of next thread
- This is all done by assembly language
  it works at the level of the procedure calling convention · thus, it cannot be implemented using procedure calls

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