The Economics of SPE Panel

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“Who needs performance?” project

- Ignored performance in design & development
  - Failed to nail down fundamental performance requirements
    - “working set” requirements or footprint
  - Different product architecture required to meet requirement

- Cost of SPE
  - 2 person months?

- Cost of failure
  - Code rewrite
  - Delayed revenue for several months
Cost of SPE for large software project

Preferred performance staffing for 12-month project
40 developers
Cost of SPE vs. Cost of Failure

- SPE cost - 14 PMs (for this example)
- Failure cost?
  - Project cancellation?
    - 40 developers * 12 PMs = 480 PMs
  - Loss of revenue?

- As long as cost of achievement (prevention plus appraisal) is less than cost of failure, SPE effort can be justified