Software/Hardware Integration

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July 2002
Motivation

- Dedicated computing systems
  - Majority
  - Small set of previously known applications
  - Specific run-time support requirements (few services)

- All-purpose operating systems
  - Interactive, graphic, networked workstations
  - Constrained by standards (hardware and APIs)
    - Pike: system software research is irrelevant!
  - Inadequate to support dedicated computing