Trilinos Users Group Meeting
October 30, 2012
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USER EXPERIENCE
CAPABILITY AREA
User Experience Capability Area

- Established May, 2012
- Scope:
  - **Skins**: CTrilinos, ForTrilinos, PyTrilinos
  - **Tutorials, Examples**: Didasko, Galeri, wiki, hands-on tutorials
  - **Interoperability Layers**: Stratimikos, Piro, Albany, Playa
  - **Documentation**: trilinos.org, …, individual packages
- **Approach**:
  - Listen to users
  - Respond to users
  - Leverage current research & understanding
What Makes Trilinos Hard to Use?

- Everybody probably has an opinion on this…
- The real questions: How do we elicit these opinions, organize the results, and act upon them?
  - Discussions with Frank Chen, 8953
  - Interview summer students
  - Interview application developers
    - Currently assembling list of Trilinos Users (Jim Willenbring)
    - Would like to establish a “Trilinos usability liaison”
Other Initiatives

- **Stratimikos refactoring**
  - Design document (Eric Cyr)
  - Meeting during Trilinos Spring Developers Week
  - …

- **EZ Trilinos**
  - Design session during Trilinos Spring Developers Week
  - I did not act upon the resulting design document…
  - Should be revisited

- **Documentation**
  - First push should be associated with trilinos.org
  - Including tutorials

- **PyTrilinos**
  - Enthought SBIR
  - Expansion into 2nd generation Trilinos packages, templates, …
  - ODIN and Seamless