



Trilinos Users Group Meeting

October 30, 2012

Bill Spotz, 1442

USER EXPERIENCE CAPABILITY AREA

SAND 2012-9341C





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

