Themes

- Cyberinfra-structure or cyberinfra-parts
  - Externalization and replumbing
  - Well-structured solicitations
  - Gap analysis
- Bridging campus and national cyberinfrastructure
  - Campus to national
  - Campus to campus
Sustainability

• Getting it as a real standard
• Getting it in commercial code
• Getting it into the enterprise and other self-sustaining organizations
• Getting existing stakeholders into new development areas
Issues

• Small pieces, loosely coupled
  • Getting comfortable with codependency
• Taking outreach and education seriously
• Facing the international issues
• Provenance ain’t provenance
• Paying for negative lines of code
• Lawyers >expensive> than coders
• Alignment between institutional and research infrastructures – where are the deployers?