

NSF Large Facilities Cyberinfrastructure Workshop

Panel 1: Integration, interoperability and reuse of CI solutions,
practices

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WWW: <http://facilitiesci.org>

Motivations

- Cyberinfrastructure (CI) is a critical component of NSF facilities
- There is a significant amount of knowledge gained during CI development within facilities, how do we transfer this knowledge?
- Responses to the survey indicate that there is a considerable amount of effort spent by facilities on developing CI solutions
 - How can this CI be developed in an way that integrates and interoperates with existing solutions?
 - How can this CI be made available in a way that is re-used by others?
 - Is putting it on Github enough?
- How can facilities and CI communities provide and sustain essential CI components and services to meet current and future needs

Panel Questions

- How do your projects discover and evaluate available solutions?
- How do your projects deal with changing availability of CI?
- Can increased awareness/reuse of CI solutions increase interoperability across facilities?
- Can community efforts in integration, interoperability and sustainability lead to well defined interfaces that facilitate access to and incorporation of new technologies?
- What are the most critical CI gaps that you would like to be addressed?