



UCI ISR-NSF Workshop on Continuous Software Design in Open Source Software Communities

<http://www.isr.uci.edu/events/ContinuousDesign/UCI/>

23 September 2003



Overview

- Workshop objectives
- Schedule, breaks, lunch, dinner
- Introductions
- Presentations
- Summary Results



Workshop objectives

- NSF's new *Science of Design* Program
 - Part of a major CISE Reorganization
 - May be allocated ~1/6 of FY04 ITR funds
 - New grants targeted at \$250K/yr. for 5 years.
 - FY04 ITR program to be very different



Workshop objectives

- Three (four) NSF funded Workshops tasked to help create the Program *research agenda*.
 - Information and Data Management
 - Continuous Design of OSS
 - Software-Intensive Systems



Workshop objectives

- Produce an *integrated report* (spanning UCI and UIUC Workshops)
 - *Motivation, scenarios, possible payoffs*
 - *Research challenges*
 - *Hard/difficult problems worth investigating/solving*
 - *Research directions (empirical, experimental, theoretical)*
 - *Research collaborations and shared infrastructure/testbeds*



Workshop objectives

- Produce an *integrated report* (spanning UCI and UIUC Workshops)
 - *Required investment*
 - *Recommendations for action*
 - *NSF*
 - *Other agencies*
 - *Industry collaborations*



Your participation

- Participate in discussions -- get your ideas, views, and insights into the dialogue
- Alternative or diverging views welcome
- Identify and record potential inputs for the research agenda report
 - Specific to continuous design of OSS
 - systems, artifacts, processes, tools, projects, portals, or communities
 - Generic to software design (Open/Closed)



Schedule, breaks, lunch, dinner

- Two AM presentations and discussion periods
 - lunch break at University Club
- Three PM presentations and discussion periods
 - one presentation and discussion
 - refreshment break
 - two presentations and discussion
 - final summary discussion
- Dinner at Pascal's Restaurant (7:00-9:00pm)



Introductions

and

Presentations



Summary Results



Motivation, scenarios, payoffs



Research challenges

- *Hard/difficult problems worth investigating/solving*
- *Research directions (empirical, experimental, theoretical)*



*Research collaborations and
shared infrastructure/testbeds*



Recommendations for action

- *NSF*
- *Other agencies*
- *Industry collaborations*