Final Report on
Collaborative Software Engineering Tools Workshop and Follow-Up

Project NAG2-1555

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**Abstract:** This report documents the project “Collaborative Software Engineering Tools Workshop and Follow-Up.” Under this project, a workshop was held at NASA/Ames on August 5 and 6, 2002. Additional research followed up on the workshop. Hence, the report contains these two components: materials from the workshop and a series of research papers that document our follow-up activities.

The workshop brought together technical staff of NASA/Ames and faculty and staff researchers from University of California's Institute for Software Research (ISR). The goal of the workshop was to generate a joint understanding of collaborative software engineering tools informed from four perspectives: 1) technology, 2) theory, 3) field studies, and 4) specific NASA problems.

The follow-up work included an intern working at NASA and providing some analysis of observations during the course of that work. The analysis was carried out collaboratively between personnel at NASA/Ames and UCI/ISR. Additional experimental software development was performed at UCI examining the role and architecture of event notification servers and awareness. Also, some initial explorations about extending field study methods were done.

Since the workshop, a web site has been maintained at
http://www.isr.uci.edu/events/NASA-Workshop/