Research demonstrations are designed to provide conference participants the chance to view research systems in action, and to discuss those systems with the people who created them. The demonstrations are intended to show early implementations of novel software engineering concepts. Demonstrations can aid understanding, exchange of ideas and concepts, and increase the chance of collaborations in software research. Research Demonstrations at ICSE have historically featured high-impact systems that have gone on to influence future research.

Following the success of the Research Demonstrations in ICSE 2005, Research Demonstrations in ICSE 2006 extend the approach taken in ICSE 2005 with an additional mode of demonstration. This year we will feature the traditional live-demonstrations in front of an audience in the main conference track, as well as a session with multiple parallel demonstrations that participants can freely move between. We accepted 18 out of 40 submissions received this year for presentation in the parallel session. Of the accepted submissions, 9 will be featured in 30 minute live-presentations in the technical sessions. We believe this will offer ICSE participants ample opportunity to understand these emerging software tools and to communicate with their developers.

The members of ICSE 2006 Research Demonstrations Committee were selected from all over the world to encourage world-wide submissions. All submissions were carefully reviewed by at least three members of the committee. The success of the ICSE 2006 Research Demonstrations track would not have been possible without their participation, and we appreciate their sincere efforts.

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