



3rd IEEE International Workshop on Visualizing Software for Understanding and Analysis (VISSOFT 2005)

Budapest, Hungary September 25th, 2005

www.sdml.info/vissoft05

Collocated with the 21st IEEE International Conference on Software Maintenance (ICSM 2005)

Call for Papers

The VISSOFT 2005 workshop will focus on visualization techniques that draw on aspects of software maintenance, program comprehension, reverse engineering, and reengineering. This event will gather tool developers, users and researchers in a unique format to learn about, experience, and discuss techniques for visualizing software for understanding and analysis. The goals of the workshop are to work towards being able to answer the question of what is a good representation for a given situation, data availability, and required tasks.

Position papers: We solicit thought-provoking position style papers that will be presented and used for discussion during the workshop. Criteria for selection will be based on the clarity of the paper and the appropriateness of the topic for a group discussion. Note we strongly encourage tool users to submit papers that discuss what they would like to see the tool designers deliver in their tools, as well as position papers from tool designers. Position papers will be available in advance of the workshop and attendees will be encouraged to browse them beforehand to improve the discussion. Position papers should have a maximum of 6 pages in IEEE proceedings format. The proceedings will be available through the ACM Digital Library. Note that the proceedings will be printed in black and white.

Tool demonstrations: Interested tool designers should submit a description of their tool and how it can be used to enhance understanding. Submissions should have a maximum of 2 pages with additional 2 pages with the description of the demonstration and screen captures if needed). The number of tools demonstrated will be limited (by the size of the room). Criteria for selection will be on the maturity of the tool (for example, can the participants try it), innovative aspects and the quality of the description of the tool and the tasks it supports. We are particularly interested in software visualization tools that assist in understanding the static and dynamic aspects of the software during software maintenance and development.

Tool competition: In order to encourage collaboration and coordination between presentations, we suggest that participants consider demonstrating their software tool using a similar software system. Details on the software system and available data will be posted on the workshop website at www.sdml.info/vissoft05/.

Organizers

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Important Dates:

Papers and Tool demos submission:	June 17, 2005
Notification of authors:	July 15, 2005
Camera ready versions:	July 29, 2005
Tool competition entries:	July 29, 2005

