CALL FOR PAPERS

ACM SIGSOFT/SIGPLAN Software Engineering Symposium
on Practical Software Development Environments

Software Development Environments of the future will support new methods for interactive software construction. The symposium will address issues fundamental to the development of such practical environments. Of particular interest are papers discussing new implementation schemes for interactive program design, construction, debugging and testing. Topics of interest include: internal program representations, syntax and semantic directed editing, code generation and interpretation schemes, support for testing and debugging, space/time efficiency trade-offs, display and screen formatting techniques, user interfaces, influences on language design and opportunities for new directions in program development techniques.

TUTORIAL WORKSHOP

The first day of the conference will feature invited speakers who will give presentations on existing, operational software development environments. Invited speakers will demonstrate their system, be available to answer questions, and provide opportunities for hands on experience for conference attendees. This tutorial workshop will be an integral part of the conference, furnishing a criterion for discussion of regular conference papers. Complete papers by the invited speakers will appear in the proceedings.

Proposals for a tutorial workshop session will be accepted by the program committee. Please contact the program chairman for further information.

INFORMATION FOR AUTHORS

Please send ten copies of an extended abstract to the program chairman

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Abstracts should explain what is new and significant about the work, and how it relates to the development of practical programming environments. Submissions will be read by all members of the program committee, therefore they should not exceed 8 to 10 double-spaced typed pages.

Submission Deadline: October 20, 1983
Acceptance Notification: December 20, 1983
Camera-ready paper due: February 8, 1983

Authors of accepted papers will be requested to sign an ACM copyright release form.

Proceedings will be distributed at the symposium and may be purchased from ACM. A special issue of Software Engineering Notes will be devoted to this conference.