A Bibliography of Parallel Debuggers

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Sue Utter
Cornell National Supercomputer Facility
Cornell University
email: psu@cornellf.tn.cornell.edu

Cherri M. Pancake
Department of Computer Science and Engineering
Auburn University
email: pancake@ducvax.auburn.edu

Department of Computer Science and Engineering
Auburn University
Auburn, AL 36849 - 5347

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Sue Utter  
Cornell National Supercomputer Facility  
Cornell University  
Ithaca, New York 14853  
email: psu@cornellf.tn.cornell.edu

Cherri M. Pancake  
Department of Computer Science and Engineering  
Auburn University  
Auburn, Alabama 36849  
email: pancake@ducvax.auburn.edu

Abstract: A bibliography of over three hundred technical reports, journal and conference papers, and Ph.D. dissertations dealing with parallel and distributed debuggers. Treatments of programming environments, debugging methodology, and techniques for program analysis are included when a significant portion of the publication is devoted to factors influencing the design or implementation of debugging tools.

Keywords: parallel debuggers, distributed debuggers, parallel program visualization, parallel program analysis, parallel program monitoring, distributed program monitoring, parallel programming, distributed programming
The following list of references includes technical reports, journal and conference papers, and Ph.D. dissertations dealing with parallel debuggers. No distinction is made between tools for parallel and for distributed systems, although debuggers implemented on multiprocessor or multicomputer architectures which are only capable of analyzing serial programs have been omitted. Treatments of parallel programming environments, debugging methodology, or techniques for program analysis are included when a significant portion of the publication is devoted to factors influencing the design/implementation of debugging tools.

Where two sources are virtually identical, this has been noted at the end of the citation. Any additions and corrections would be welcomed. References preceded by an asterisk (*) have not been available for review; since abstracts are being prepared for a cross-referenced guide, the authors would appreciate assistance in acquiring copies of these items.

The bibliographic database is available for downloading in BIBTeX or refer formats through the Cornell National Supercomputer Facility. The information will be updated periodically. Persons interested in receiving notification of future updates should notify one of the authors.

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