

IBM Research Report

From Trace Generation to Visualization: A Performance Framework for Distributed Parallel Systems

C. Eric Wu, Anthony Bolmarcich, Marc Snir

IBM T. J. Watson Research Center

P. O. Box 218

Yorktown Heights, NY 10598

David Wootton, Farid Parpia

IBM RS6000 Division

2455 South Road, Poughkeepsie, NY 12601

Anthony Chan, Ewing Lusk, William Gropp

Mathematics and Computer Science Division

Argonne National Laboratory, Argonne, IL 60439



Research Division

Almaden - Austin - Beijing - Haifa - T. J. Watson - Tokyo - Zurich

LIMITED DISTRIBUTION NOTICE: This report has been submitted for publication outside of IBM and will probably be copyrighted if accepted for publication. It has been issued as a Research Report for early dissemination of its contents. In view of the transfer of copyright to the outside publisher, its distribution outside of IBM prior to publication should be limited to peer communications and specific requests. After outside publication, requests should be filled only by reprints or legally obtained copies of the article (e.g., payment of royalties). Copies may be requested from IBM T. J. Watson Research Center,

P. O. Box 218, Yorktown Heights, NY 10598 USA (email: reports@us.ibm.com). Some reports are available on the internet at <http://domino.watson.ibm.com/library/CyberDig.nsf/home>.