



University of Otago
Te Whare Wananga O Otago
Dunedin, New Zealand

**An Agent-based
Architecture for Software
Tool Coordination**

Stephen J.S. Cranefield
Martin K. Purvis

**The Information Science
Discussion Paper Series**

Number 96/24
December 1996
ISSN 1172-455X

University of Otago

Department of Information Science

The Department of Information Science is one of six departments that make up the Division of Commerce at the University of Otago. The department offers courses of study leading to a major in Information Science within the BCom, BA and BSc degrees. In addition to undergraduate teaching, the department is also strongly involved in postgraduate programmes leading to the MBA, MCom and PhD degrees. Research projects in software engineering and software development, information engineering and database, artificial intelligence/expert systems, geographic information systems, advanced information systems management and data communications are particularly well supported at present.

Discussion Paper Series Editors

Every paper appearing in this Series has undergone editorial review within the Department of Information Science. Current members of the Editorial Board are:

Mr Martin Anderson
Dr Nikola Kasabov
Dr Martin Purvis
Dr Hank Wolfe

Dr George Benwell
Dr Geoff Kennedy
Professor Philip Sallis

The views expressed in this paper are not necessarily the same as those held by members of the editorial board. The accuracy of the information presented in this paper is the sole responsibility of the authors.

Copyright

Copyright remains with the authors. Permission to copy for research or teaching purposes is granted on the condition that the authors and the Series are given due acknowledgment. Reproduction in any form for purposes other than research or teaching is forbidden unless prior written permission has been obtained from the authors.

Correspondence

This paper represents work to date and may not necessarily form the basis for the authors' final conclusions relating to this topic. It is likely, however, that the paper will appear in some form in a journal or in conference proceedings in the near future. The authors would be pleased to receive correspondence in connection with any of the issues raised in this paper. Please write to the authors at the address provided at the foot of the first page.

Any other correspondence concerning the Series should be sent to:

DPS Co-ordinator
Department of Information Science
University of Otago
P O Box 56
Dunedin
NEW ZEALAND
Fax: +64 3 479 8311
email: workpapers@commerce.otago.ac.nz