Preface

The Center for Architectures for Data-driven Information Processing was established at UMBC in August 1997. CADIP conducts research at UMBC, Bowie State University, University of Wisconsin - Milwaukee, and University of Missouri - Kansas City. The center is sponsored by the U.S. Department of Defense.

The three areas of research focus for CADIP are software agents, information storage and retrieval, and information visualization. Many of our most interesting projects touch on two or even all three of these areas. We have recently become interested in intrusion detection as another domain in which our ideas can be tested.

Within the last several years, Beowulf platforms have become more common in both university and government settings. CADIP is no exception, and we find the Beowulf to be a useful architecture for multi-agent systems as well as scalable file systems.

In October 2001, the participants in the different CADIP projects met at UMBC to discuss their results. The papers in this volume are based on talks given at that meeting, and appear in this volume in the same order as the corresponding presentations. The papers, as well as most of the original presentations, are available on the WWW via the CADIP web page, which is `http://www.cs.umbc.edu/cadip`.

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