

Preface

E-services, and in particular Web services, are emerging as a promising technology for the effective automation of application integration across networks and organizations. The basic technological infrastructure for e-services is structured around three major standards: SOAP, WSDL, and UDDI. These standards provide building blocks for service description, discovery, and interaction. E-service technologies have clearly influenced positively the development of integrated systems by providing programmatic access to e-services through SOAP, WSDL, and UDDI. E-services are evolving toward being able to solve critical integration issues including security, transactions, collaborative processes management, semantic aspects, and seamless integration with existing middleware infrastructures.

VLDB-TES 2003 was the fourth workshop in a successful series of annual workshops on technologies for E-services, held in conjunction with the VLDB conference. The objective of VLDB-TES 2003 was to bring together researchers, practitioners, and users to exchange new ideas, developments, and experiences on issues related to E-services. VLDB-TES 2003 took place in Berlin, Germany. It featured the presentation of 16 regular papers. In addition to the presentation of research papers, the workshop included two invited talks and a panel discussion.

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