

# Semantic Web Position Paper

With approximately 6,000 customers, 5,000 employees and \$1 billion in revenue in fiscal year 2000, J.D. Edwards & Company (NASDAQ: JDEC) is the leading provider of agile, collaborative solutions for the Internet economy. For more than 22 years, J.D. Edwards has provided innovative, flexible business solutions essential to running complex and fast-moving multinational organizations ñ acting as a true business partner enabling companies of all sizes leverage their existing investments, take advantage of new technologies, maintain competitive advantage and deliver shareholder value.

J.D. Edwards provides a rich set of tools and a comprehensive set of business logic to our customers in a product called ìOneWorldÆ. OneWorldÆ tools use meta-data to describe the user interface and business logic in an operating system and platform neutral way. **Our solutions extensively use XML to represent the data.** OneWorldÆ is supported on the OS/400Æ, Solaris, AIX, HPUX, Windows 2000 and Windows NT operating systems. We have a HTML, Java and Win32 client solutions.

We consider semantics to be the next logical step in web evolution. We believe execution of our vision of collaborative enterprise commerce will be greatly aided by Semantic Web.

Web services are gaining popularity among software developers and vendors. However, existing protocols, only address the discovery of the web services by humans and binding to the discovered web service as a design time activity. This is due to the reason that these protocols rely on syntactic interoperability, not a semantic interoperability. To achieve, true dynamic discovery and dynamic binding to web services by a web service client, we believe, web services shall provide machine understandable semantics. This will be achieved by open standards.

Our current interest is in researching the applications of Semantic Web for enterprise collaboration. We believe the Semantic web will impact applications in great enormity ranging from how applications are described and accessed to how software is distributed.

We believe effective search agents; intelligent commerce agents will aid in quicker adoption of Semantic Web in a collaborative commerce scenario.

We would like to participate in the Semantic Web Conference to find out about latest ideas, and also learn how we can contribute to the technology in the immediate future.