

RISK MANAGEMENT

Enterprise Java Beans Coming To A Vender Near You

IT managers consider Java Beans.

BY CRAIG MCGUIRE

As developers wring more and more functionality out of Internet-based technologies, some IT managers are sitting up and taking notice. For the most part, while some major players in the capital markets show willingness to shed the security of the client/server-based environment, a sudden mass-migration seems highly unlikely. However, at this point vendors who've

made large investments in developing these Internet-technologies, such as Palo Alto, Calif.-based Integral Development, won't be satisfied with a slow trickle of new business.

A recent white paper issued by Integral entitled "Browser-Based Line-of-Business Applications for Capital

Microsystems' Enterprise JavaBeans (EJB) basket. EJB is part of Sun's Java Platform for the Enterprise (JPE) initiative. While JavaBeans is used for development on the client side, EJB is the component architecture on the server side.

"EJB enables software developers to build server-side, reusable business objects," says Anil Hemrajani, a senior consultant Divya Corp. which specializes in Java/Internet software solutions." However, EJB takes the notion of reusable objects one step further by providing for attribute-based programming to dynamically define lifecycle, transaction, security, and persistence behavior in EJB applications."

"EJB by itself is not a product, rather it's a specification," points Hemrajani. He explains one of the key objectives of EJB is portability across platforms and vendor products, several of which support EJB. Vendors supporting EJB-based products include BEA Systems, Bluestone, Gemstone, IBM, Information Builders, Inprise, Lotus, Netscape, Novera, Oracle, Persistence, Progress, Secant,

“Java is the first major programming language to be introduced after the Internet revolution, so it can do what Internet applications need to do.”

Markets Firms," tracking the shift in IT strategy away from the client/server environment toward Internet-based applications claims the majority of these firms have made an about face, looking to buy rather than build the technology. Though capital markets IT spending soared to \$12.7 billion in 1991, and is projected to reach \$16.5 billion in 2000, the added emphasis on buy versus build could drive these figures even higher.*

Integral, like many other vendors looking to catch the Internet wave, has put all of its eggs in the Sun

Silverstream, Sybase, Valto Systems, and Wall Data.

Using EJB, Integral developed Integral 4, a browser-based capital markets trading and risk management system featuring a financial application server, a suite of trading and risk management applications and FinXML, the first Extensible Markup Language (XML) designed specifically for capital markets.

The jury is still out on Integral 4, though. At presstime, just days after the release of Integral 4, the vendor has yet to ink its first contract for the

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