

Web Integrator From Red Oak Software, Inc. Integrating Browser Applications With Any Other Application

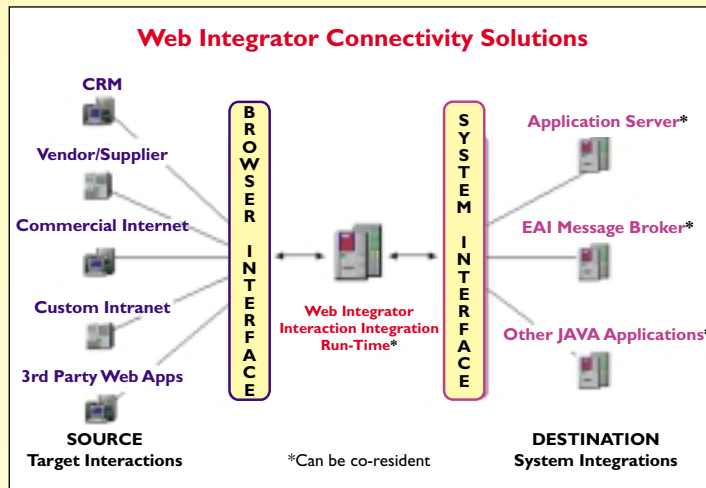
For uncounted business systems, Web browsers represent an underutilized link in the information delivery chain. Many IT professionals overlook the fact that, by providing a universal interface to extremely valuable data and important application logic, the browser functions as a powerful programming interface — especially when the information is needed in other applications. Vastly increased utility is realized by understanding that every function an end user performs using a

browser can be turned into a program, transforming it into the source of automated inquiry and update, capturing data from any number of Web applications and processing it in a 100 percent Java object-oriented format.

That's where Web Integrator, from Red Oak Software, can add so much value. Providing seamless EAI and B2B capabilities without requiring costly, proprietary software, Web Integrator programmatically integrates browser applications with any other application in the enterprise. Web Integrator delivers a seamless, fully automated approach to integration, enabling organizations to access Web and legacy applications non-intrusively. A key component of Red Oak's Application Integration Framework, Web Integrator includes an SDK, a run-time environment, and EAI/B2Bi Adapters.

Application Capture

Web Integrator makes it easy to integrate browser-based business systems with other applications through a straightforward capture and code generation process. The product automates access to any Web-based application and eliminates the need to code custom interfaces or access the code (often proprietary) of existing vendor or business



partner systems. Web Integrator captures full application flow, accessing all program logic and all underlying data, regardless of database structure.

While programmatic access occurs through the application's HTML interface, the developer connects through the URL and navigates through the application. Web Integrator's SDK captures these steps and creates a bi-directional interaction model that is generated as a Java program, containing all browser interaction, with all input and output. Most important, the Java program can be incorporated immediately into any server-side application to control direct requests for data to and from the originating browser-based application, transforming the browser into the source of information for new business systems.

Code Generation Facility

Web Integrator's code generation facility provides Java developers with the opportunity to access, edit, and save Web Integrator files. Method, class, and creation wizards substantially simplify the process of creating Java objects for captured application interactions. The greatest value occurs when Web Integrator generates 100 percent Java reusable objects that can be called by any other application within the enter-

prise, delivering full EAI and B2Bi capabilities.

Run-Time Environment and Integration Adapters

The run-time environment allows the automatically generated Web Integrator Java programs to run on any MS-Windows NT/2000 or Unix server. It includes an embedded, invisible, and optimized Java browser for security, scalability, and high-speed processing with minimal

overhead — production throughput is limited only by bandwidth considerations. This provides the ability to execute multiple applications simultaneously or single applications multiple times in parallel. Equally important, Web Integrator supports all applications with an HTML-based API, even applications not adhering to HTML 4.0 standards, and provides output capabilities in Java and XML.

The Web Integrator adapters incorporate Web Integrator applications with any EAI or B2Bi system, delivering seamless integration of browser-based applications with any other business system inside or outside the enterprise.

In its run-time environment, a Web Integrator adapter knows how to receive and send EAI and B2Bi events, providing organizations with additional return on the investments made in browser-based applications, while delivering EAI and B2B capabilities without an extensive and expensive infrastructure.

Prices for Web Integrator installations begin at \$25,000. Web Integrator is available from Red Oak Software, 115 Route 46, Suite F-1000, Mountain Lakes, NJ 07046. Voice: 973-316-6064; Website: www.redoaksw.com.

— Philip E. Courtney