DIGISLICE™

DIGISLICE APPCOMPOSER™ 3

DigiSlice AppComposer supercharges your Web service and component reuse strategy by leveraging existing component and development-staff assets and by accelerating your ability to assemble, modify, and deploy enterprise Java applications.

For organizations that leverage the power of J2EE for enterprise application development, AppComposer dramatically reduces the time and risks involved in the assembly of applications.

UNLEASH THE POWER OF COMPONENT REUSE

Assembling applications using standard components and Web services can yield substantial business benefits. Yet existing technology for connecting these components together increases integration challenges, resulting in “glue code” that is more complex than the components and services being integrated. Is it any surprise that integration is the riskiest part of application development?

DigiSlice AppComposer™ brings visual authoring development to standards-based Web service and component architectures, solving integration problems and delivering the business advantages of components and services. With AppComposer, not only are components reusable, but so are the smart behaviors — the glue code used by AppComposer to connect components together.

Existing integration technologies are based on scripting languages like Visual Basic. While providing fast interactive application assembly, these solutions introduce their own reliability and performance issues. AppComposer is the only solution that provides *all* the advantages of scripting languages with *none* of the disadvantages. You can edit live applications while they are running, and avoid tedious edit / compile / deploy cycles — and yet the resulting applications are 100% Java.

AppComposer goes far beyond existing integration solutions — even those provided by scripting solutions like Visual Basic — with powerful, but simple to use, advanced features like **behaviors**, used to write glue code like Java classes are used to write components, and **capsules**, used to control the complexity of large applications while promoting even greater reuse.

ENHANCE PRODUCTIVITY

Faster than conventional approaches, AppComposer can be used by anyone familiar with Web applications. Both Java and non-Java programmers — including users of C, C++, Visual Basic, Perl, PHP, and even non-programmers can build, customize, and modify server and client-side Java applications. AppComposer insulates users from the complexities of Java by allowing visual application assembly without manual coding, while providing full access to the power and flexibility of Java, J2EE, and Web services technologies.

System Requirements:

- High-end workstation with at least 512MB physical memory
- Java Software Development Kit (SDK) version 1.3.1 or higher, 1.4 highly recommended
- Microsoft Windows (NT, 2000, XP), Mac OS X, RedHat & Mandrake Linux, Solaris 8 (x86 & SPARC)

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THE APPCOMPOSER™ ADVANTAGE

- Significantly reduced development cycles in application development and assembly
- Empower non-Java professionals to create Java applications
- Quickly build and deploy applications with no proprietary lock-in
- Reduce development, integration, and maintenance costs
- Elimination of complex "hard coded" component gluing and Java programming
- Leverage existing components and Web services, making applications more robust
- Maximize effectiveness of your development staff

HIGHLIGHTS

AppComposer is a standards-based solution for assembling custom Web, B2B, and other applications from reusable components.
Its visual authoring approach accelerates the development of fully distributed enterprise applications, enabling even non-Java developers to assemble J2EE, JSP, servlet, and applet-based components.

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KEY BENEFITS:

- **Live editing** provides real-time feedback on application changes by allowing modifications to be performed while the application is running, even with Web services, Servlets, and JSP. Evaluate design alternatives interactively and catch errors before they grow into big problems.
- **Advanced debugging** for running and testing applications in real time. Single-step through server-side web applications and client-side programs, set watch variables and breakpoints, examine program data, and identify runtime and compile time errors.
- **Deployable to standard J2EE Application Servers**, including IBM WebSphere, BEA WebLogic, and JBoss.
- **Complete solution** includes built-in web application server, JSP compiler, and relational database (HSQL) for out-of-the-box development. You can build and run complex distributed enterprise applications within minutes of installing AppComposer.
- **Standards based** solution does not impose any requirements on applications, other than those of well behaved components and use of accepted Java standards.
- Ships with **pre-built components** for integrating server- and client-side Java components and data connectivity.

ENTERPRISE PLUGIN SUITE

In addition to the free version, DigiSlice offers an Enterprise Plugin Suite that adds support for the following:

- **Web Services Support** - AppComposer works directly with live web services, enabling quick development of applications that need to connect to web services.
- **Use of EJBs (Enterprise JavaBeans)** - Users can easily connect to running EJBs that reside on servers either remotely or locally without having to understand how to connect to the EJB or how to manage EJB instances from the client.
- **Creation of EJBs** - Includes support for creating EJB 1.1 and 2.0 stateful session beans (with and without session synchronization), stateless session beans, and message driven beans.

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