

CipherSoft Exodus™

Automatically Convert Oracle Forms & PL/SQL to Java/J2EE

Many businesses today running Oracle Forms do not have the time or resources to deploy new applications that may disrupt business operations and users. Lost time, escalating costs and inaccessible information is the last thing your organization needs. In many cases, converting applications to modern code and databases presents a more viable alternative than rewriting applications or learning new packaged systems.

Exodus is an automated tool that converts existing Oracle Forms and PL/SQL applications to open and standards based technologies such as Java, XML and browser based solutions. The product will optionally convert the PL/SQL within the database to EJB Session Beans and Bean managed entity beans to standard Java classes, or leave it in the database unchanged but invoked by external Java classes. The Forms themselves are converted to XML based displays that run within the Java based interface. The product is highly automated, requiring little to no manual coding.

If you are running Oracle Forms applications and you need to...

- Find a cost effective conversion solution to migrate Oracle applications to Java
- Convert PL/SQL to Java
- Move your applications to a fully supported platform
- Use your applications to leverage new and current skill sets in the workforce
- Utilize Java's inherent benefits such as portability, flexibility, and standards compliance
- Web enable your legacy applications
- Maintain your investment in legacy applications
- Standardize to a common User Interface

Then you are ready to make the move to Java!

WHY MIGRATE?

Migration is the best option to leverage the application's competitive strengths and the existing knowledge capital embedded in business critical applications. In today's fast paced market, software migration creates a tremendous advantage as it requires little retraining, manages risks and takes full advantage of the new technology. Exodus is proven to make the migration process easier, faster and more cost efficient. One of the main benefits of Exodus is that it's available as a service performed by Unify | CipherSoft and also as a software for licensing.

Benefits of Using an Automated Conversion Tool

Stay Competitive

By moving away from proprietary technology to more open and independent solutions, companies can standardize platforms for building and maintaining business applications.

Significantly Reduce Costs

By automating the process of conversion, companies significantly cut the costs and time required to manually convert applications.

Retain Original Business Logic and Code

Exodus converts up to 100% of the code, significantly reducing conversion time. The resulting application retains the same business logic and code structure as the original.

Less Risk

The automated process greatly lowers conversion risks by removing human error. As well, converted applications are fully maintainable and flexible, making it simple to modify converted applications when necessary.

No Need for Retraining

Converted applications keep effectively the same UI and functionality as the original Forms application so that users need no retraining – reducing disruption and impact on business operations.

Features of Exodus

Migrates Oracle PL/SQL to J2EE

By automating the conversion process, organizations can quickly and efficiently migrate their code, thereby reducing project time and costs.

Automatically Converts Oracle Menus, Triggers, Stored Procedures and Libraries (including all PL/SQL code within libraries)

All PL/SQL code can be exposed and presented as true, complete Java classes.

Produces Native Java

The Java code is 100% maintainable and completely portable, producing applications that are database independent and, therefore, more manageable and cost-effective. Code formatting and syntaxes stay consistent, formatted, predictable and follow industry standards.

Maintains Semantic Content and Coding Standards

Converted code keeps effectively the same structure and standards as its predecessor. Exodus also preserves all semantic content, making it simple for developers to maintain and modify converted applications.

Does Not Create Wrapper Classes

Wrapping makes it almost impossible to take advantage of new designs or features in the development environment. Avoiding wrappers is a must for companies moving toward platform independence and open source standards.

Includes Multi-tier Architecture

A multi-tier architecture efficiently distributes programming and data throughout a network, allowing a single runtime node to exist on separate physical machines whenever beneficial. An advantage to maintaining this type of architecture is the integration of EIS (Enterprise Information Systems), J2EE connector architecture and a well defined contact and API between tiers and system. This architecture also strongly supports SOA applications.

Key Benefits of Using Exodus

- An Exodus conversion project is easily managed and has been shown to save 90% of the time and 80% of costs
- The converted application is 100% compliant with J2EE standards
- Complete migration of Oracle Forms and PL/SQL to Java, no “wrapping”
- Provides Java and XML code that is portable, maintainable, reusable and Web-centric
- Utilizes database connectivity via JDBC
- Enables the use of ALL Java specific development tools available today and in the future (i.e. designers, modelers, testing tools, source code archives, change management software, application servers, JSP and JSF integration tools, Java compilers, etc.)
- Ease of maintenance due to convenient separation of responsibilities among the logical tiers of your application
- Optionally can provide platform, database and IDE independence
- Simplifies and lowers the cost of data interchange and publishing in a Web environment
- Exodus also converts PL/SQL packages and libraries to EJBs or Java classes and can be deployed on any J2EE compliant Web server or run as stand alone applets
- Exodus is the only Oracle Forms and PL/SQL conversion tool available for license

About Unify | CipherSoft

Unify | CipherSoft, a wholly-owned subsidiary of Unify Corporation, is a leading software migration company specializing in providing Oracle Forms application conversions to organizations globally. Unify | CipherSoft is a member of Oracle's Modernization Alliance, Oracle Technology Network and Oracle Partner Network.

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