



ORACLE FORMS CONVERSION TO IBM DB2

Realease offers products and services to convert Oracle Forms applications to Java running in a DB2 environment. With Realease, project risks are significantly lowered with a conversion project that lowers costs and time to production.

The Benefits of Automated Conversion

Stay Competitive

By moving away from proprietary technology to more open solutions, organizations can standardize their business applications.

Reduce Costs

Realease significantly reduces costs by automating the conversion project.

Retain Original Business Logic and Code

In general, the behavior of the converted application is the same as the original application.

Remove Human Error From Migration Projects and Lower Project Risks

The automated conversion process greatly lowers project risks. As well, converted applications are fully maintainable and flexible, making it simple to modify converted applications.

Reduce Need for Retraining by Utilizing Efficient Migration Products

The Realease product gives you the options to retain the original look and feel of the application or to define a new User Interface. Realease can convert to either of these formats automatically.

Realease uses an automated process that greatly reduces time and cost attributed to the rewrite of applications. The product converts existing Oracle Forms and PL/SQL applications to open and standards based technologies such as Java, XML and Browser based solutions. Realease will optionally convert the PL/SQL within the database to Java. The Forms themselves are converted to XML based displays that are utilized within a Java based interface. The product performs this conversion with limited operator intervention and a high automation percentage.

With Realease, the legacy screen layout designed with Oracle Forms is converted, as well as optionally, all of the associated supporting code, menus, libraries, PL/SQL procedural code, built-in functions, and stored procedures. The conversion process generates entirely standalone, portable Java code.

The product converts applications using a like-for-like behavior and then, utilizes more robust features from the Java development environment to focus on new features for the application where necessary. One significant benefit of this methodology is that testing can be more controlled.

Using Realease and the new compatibility features of DB2 allows companies to modernize and quickly enable their Oracle Forms to work with DB2 and avoid paying high licensing costs of the Oracle Forms and Oracle database.

DB2's proven automated administration features, deep compression, and industry-leading performance directly help you lower the cost of data and improve service levels. In addition, the tight integration of DB2 and WebSphere can also generate significant cost savings over other application server options. Application developers and administrators can leverage their existing skills and apply them on DB2, further reducing the TCO of their database and Forms environment.



Features of the Automated Realease Tool

Migrates Oracle Forms and PL/SQL to J2EE compliant Java code

The code generated with Realease is fully compliant J2EE code that adheres to the latest Java standards.

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

By automating the migration process, Realease removes the risk of human error and produces standardized business applications that are fully maintainable, helping companies stay competitive.

Produces Java/XML code

Java/XML code is 100% maintainable and completely portable, producing applications that are database independent and, therefore, more manageable and cost-effective. Our main goal at Realease is to provide clean, portable code that can be maintained and enhanced immediately after conversion.

Maintains semantic content and coding standards

Converted code keeps effectively the same structure and standards as its predecessor. Realease also preserves all semantic content, making it simple for developers to maintain and modify converted applications. Form names stay the same so clients can quickly start maintaining the converted application.

Produces 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 or it may co-exist on the same machine. An advantage to maintaining this type of architecture is the integration of EIS (Enterprise Information Systems), J2EE connector architecture and a well defined contract and API between tiers and system.

Allows database connectivity via JDBC

JDBC offers the scalability, reliability and security of the J2EE framework. JDBC is also extremely portable and allows the client to easily integrate the converted application with other applications.

Integrates IBM architecture

New application development for migrated Forms utilizes websphere and can include IBM Data Studio, PHP and Perl technologies that work with IBM Data Servers, IBM Data Studio, Ruby on Rails and XML.

For more information on DB2, visit:

<http://www.ibm.com/software/data/db2/lowerdatabasecosts/>