

ARCTOOLS® Validated Integration with Oracle's JD Edwards EnterpriseOne 9.1

ARCTOOLS® *Driving Operational Excellence Through Efficient Data Archiving*

ARCTOOLS enables Oracle's JD Edwards EnterpriseOne clients to optimize data, improve enterprise resource planning (ERP) performance, and decrease database management costs.

Company Overview

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ARCTOOLS® was developed for the Oracle and SQL Server platforms by experienced JD Edwards EnterpriseOne consultants Redfaire, an Oracle Platinum partner, in collaboration with DCSsoftware, an Oracle Gold partner and authors of the original ARCTOOLS/400 and the ARCTOOLS Module for JD Edwards World and EnterpriseOne. Hundreds of clients worldwide use ARCTOOLS to lower database management costs, reduce business and compliance risks, and deliver safer and quicker upgrades. Thanks to more than twenty years of experience working on ERP data purge and archive projects, hundreds of successful projects worldwide, and a continuous investment in R&D, ARCTOOLS is continually enhanced and follows a regular upgrade schedule.

Integration Overview

ARCTOOLS is a rule-based/parameter-driven purging and archiving solution. All functional modules are stored in database tables, which are interpreted and transformed into dynamic SQL statements.

ARCTOOLS is an independent product that does not depend on JD Edwards EnterpriseOne middleware. All of the business application intelligence is built into ARCTOOLS at a configuration level, making the integration with the JD Edwards EnterpriseOne database an easy process.

Features offered by ARCTOOLS integration include:

- User-friendly Web interface
- Preconfigured for JD Edwards EnterpriseOne
- Easy module verification and validation
- Three-step approach of DRIVER, ARCHIVE, and PURGE are fully managed from within ARCTOOLS
- Flexible solution that can easily adapt to custom requirements
- Archived data can be accessed using JD Edwards EnterpriseOne

Integration Details

ARCTOOLS version 2.10 is a database application developed using the native



Validated Integration

JD Edwards
EnterpriseOne

Through the Oracle PartnerNetwork, partners with validated integrations are able to provide customers with standards-based product integrations, tested and validated by Oracle. Customers benefit from improved risk management and smoother upgrade capability, leading to a lower total cost of ownership and greater overall satisfaction.

Availability

Americas:
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Support

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language of each database. For Oracle, it is developed using PL/SQL and for Microsoft SQL Server using T-SQL. The integration with JD Edwards EnterpriseOne 9.1 is managed entirely at a database level, whereby ARCTOOLS will utilize its internal modular representation of the JD Edwards EnterpriseOne data model to process the source and target data.

This integration can be changed by simply modifying a configuration parameter from within the ARCTOOLS applications.



Integration between ARCTOOLS is achieved by pointing the preconfigured module at the source schema and submitting an archive and purge job. Validation of the process can be handled from within ARCTOOLS using the built-in Audit module or by connecting to JD Edwards EnterpriseOne to review the data purged and archived.

Each preconfigured JD Edwards EnterpriseOne module is based on the standard data model structure and incorporates all related tables, join criteria, and rule criteria for that module. This configuration detail is stored in the ARCTOOLS control tables, which means that customization requirements can be easily applied.

During the Job Run, ARCTOOLS will use the configuration parameters to determine where the source and target schema reside; this in effect is how the integration is managed at a database schema level.

Each ARCTOOLS job is logged in a series of Run Tables that contain the entire run record of the particular job such as who ran the job and when, run duration, records processed per table, etc.

This information is stored in the ARCTOOLS repository but contains a record of the integration with the underlying application—in this case, JD Edwards EnterpriseOne.

Environment

ARCTOOLS Environment

ARCTOOLS V2.10

Oracle Environment

Oracle's JD Edwards EnterpriseOne 9.1

Oracle Database 11g Release 2

Oracle WebLogic Server 10.3.5



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