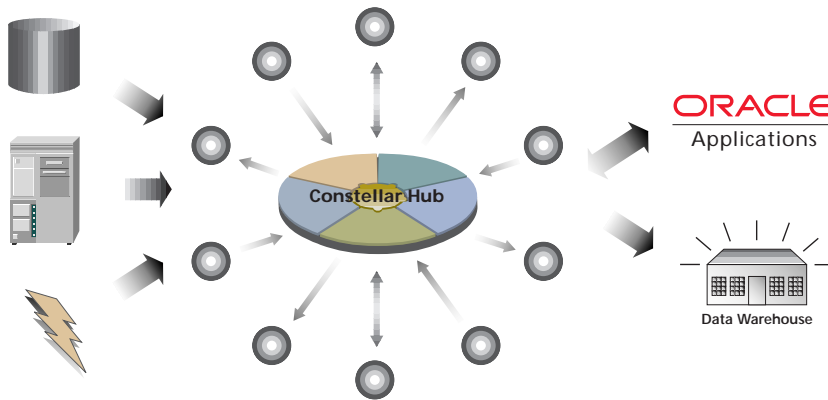


Constellar Interfaces for Oracle Applications



Reuse transformations and business rules to combine data from your batch, transactional and EDI sources. Use Constellar to create a production-quality application network and warehousing environment.

Most Oracle Applications implementations have to consider the substantial effort that is required to develop interfaces between legacy applications and Oracle Applications. Our experience has shown that upwards of 30% of the overall budget for an implementation is spent on developing such interfaces.

Unlike other ERP packages, Oracle Applications uses a “data-centric” approach when tackling the interface issue. In most cases implementers are required to create custom interface mechanisms and/or supplement the functionality provided with in-house routines. Both will require knowledge of the Oracle Applications database schema as well as the underlying validation and core routines.

The problem is compounded and expanded in cases where the conversion to Oracle Applications does not happen in a single step, rather, individual modules are brought on-line over time. In these implementations, the “quick-and-dirty” approach of building one-time migrations soon gives way to issues such as reusability, interface management, change control, etc.

While certain data movement tool vendors address the one-time migration issues for Oracle Applications, they, in general, do not have sufficient depth to be usable in an on-going, operational interfacing situation. Conversely, the higher-end tools lack Oracle Applications customization and require further development to become suitable as a component of the overall architecture.

Approach

Constellar Hub is already the perfect complement to Oracle Applications for interface development and deployment. The Constellar Interfaces for Oracle Applications leverages the core features of Constellar Hub to further simplify interfacing to Oracle Applications and supporting a true production environment.

The necessary intelligence has been embedded within Constellar Hub to facilitate rapid interface creation into Oracle Applications Open Interface.

Legacy Integration

Constellar Interfaces for Oracle Applications leverages Constellar’s hub-and-spoke architecture to enable an organization to easily consolidate multiple source systems into Oracle Applications. Existing legacy host systems, with their traditional complex file designs, can easily be mapped onto the pre-built Oracle Applications interfaces.

Constellar Hub’s proven scalability means bulk loading will not be a problem, and its extensive transformation and cleansing power will improve the quality of the converted data.

Reusability

One of the key benefits of using Constellar Hub for Oracle Applications integration projects is reusability. OAT’s design promotes extensions to the base interfaces and its use of core Constellar Hub features ensures that the same customization could be used in both the initial conversion and incremental migration efforts.

Key Features

Constellar's design makes it simple to apply the same transformation and business rules to a multitude of sources. For example, interfaces developed to use flat files as sources could easily be reused to integrate data via MQSeries for transactional systems or EDI queues for external data exchange.

Shortened Development Cycle

Another aspect of the application of Constellar's capabilities for the Oracle Applications integration issue is the customization of the Hub Repository for this purpose. Constellar Interfaces for Oracle Applications acknowledges the need to eliminate the wasted time that trial-and-error load runs cause, only to discover data quality problems.

Integrating Oracle Applications' runtime environment for rapid interface development and Constellar Interfaces for Oracle Applications helps the developer to quickly resolve data quality and inconsistency issues by exposing problems before submitting data for loading.

Constellar Interfaces for Oracle Applications also integrates with Constellar's object migration services to readily support a typical develop/test/deploy environment comprised of multiple Oracle databases.

Complete Support for Production Environments

Error consolidation can easily be

extended to monitor exceptions and become part of the existing procedure for operational support.

Constellar's sophisticated interface scheduling mechanism has been extended to cover Oracle Applications' runtime facilities. Using the two, a highly automated interface execution environment can be created to further reduce manual intervention, lower costs and increase operational dependability.

For high-value transactions or integration of sensitive data, Constellar Interfaces for Oracle Applications uses Constellar's internal auditing capabilities to track data movement. Auditing is an on-demand feature and can be disabled for increased performance.

Finally, for high-volume installations, Constellar's scalability will be able to absorb sudden increases in data movements or seamlessly handle replication of interfaces across multiple production sites for the larger installations.

Summary

- Seamlessly consolidate data from multiple systems and technologies for input into Oracle Applications
- Leverage the same business rules and transformations across varying sources
- Use Constellar's repository to accelerate development of interfaces

- Manage on-time migration as well as over-time deployment without additional tools and rework of existing interfaces
- Effectively manage production interfaces with integrated interface scheduling, exception handling and monitoring
- Reusability of business rules and transformations reduces upgrade costs and risks

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