

Tidal™ Enterprise Adapter for Oracle E-Business Suite

Highlights

- Support for cross-application, cross-platform job dependencies
- Single point-of-control for enterprise-wide job scheduling
- Seamless integration with the Oracle Concurrent Manager
- Support for multiple Oracle instances
- Ease of use and point-and-click functionality
- Industry leading scheduling capabilities, including exception-based management, scalability, role-based security and enhanced manageability

Key Benefits

- Leverages existing technology and expands Oracle E-Business Suite investments to create a comprehensive enterprise scheduler
- Connects Oracle E-Business Suite to other platforms and other applications with unlimited dependencies for Oracle Requests and Report Sets
- Consolidates Oracle E-Business Suite scheduling under one enterprise-wide console scheduler
- Supplements training and operational support to one scheduling environment
- Provides richer, more advanced scheduling functions than the native Oracle E-Business scheduler for greater efficiency and productivity

Oracle® E-Business Suite™ allows organizations to implement many processes key to a successful business. Despite the power and flexibility of even the most widely deployed E-Business application, many organizations must make the strategic decision to retain legacy applications and non-Oracle platforms. With Tidal™ Enterprise Adapter for Oracle E-Business Suite, organizations can now consolidate and combine the processing of legacy applications with Oracle applications under one automation solution and one common interface, throughout the enterprise.

Introducing a More Advanced Solution

The Enterprise Adapter for Oracle E-Business Suite expands and extends your E-Business schedules to other platforms, applications and even other instances of Oracle E-Business, giving you a greater ROI on your Oracle investment. It seamlessly manages ad hoc jobs submitted from multiple Concurrent Managers offering granular control by site, application, responsibility and user. By integrating Oracle Concurrent Managers function seamlessly with Enterprise Scheduler Queue Management, it provides the ability to balance production jobs with user-submitted jobs. With the Enterprise Adapter for Oracle E-Business Suite, Tidal Software provides a deeper integrated and advanced scheduling functionality than the native Oracle scheduler, Concurrent Manager™.

How it Works

Installed on the Oracle E-Business Forms Server, the Enterprise Adapter for Oracle is used to create Request Sets of E-Business Suite jobs. To help prevent errors, the adapter comes with lists of Requests and Report Sets. The adapter automatically brings up the Oracle form used to request jobs and define parameters, such as “To” and “From” dates for report data or account numbers for an accounting statement. Tidal Enterprise Scheduler variables can be used so that once created, the report form does not have to be accessed repeatedly to enter new parameters if, for instance, a report needs to run each week or each month.

Dependencies can be set; priorities and queues can be allocated and any abnormal behavior is reported in the Tidal console for user notification and intervention.

By leveraging the Concurrent Manager, Tidal Enterprise Scheduler can support all Oracle process types including Oracle Reports, HOST programs, PL/SQL Stored Procedures, Java Stored Procedures, Java Concurrent Programs and SQL*Plus. Because the familiar Oracle request form is used, reports have the same names and syntax as they do in Oracle E-Business Suite. Users can be up and scheduling Oracle jobs in a matter of minutes. Tidal Enterprise Scheduler and Oracle work as one integrated solution. Non-Oracle users can input Oracle processes and run the Oracle Concurrent Manager using the same Enterprise Scheduler interface used across multiple environments.

Tidal Enterprise Adapter for Oracle E-Business Suite

Key Features

- Delivers real-time status of Oracle jobs with real-time interaction
- Supports multiple Oracle E-Business Suite environments
- Features user defined, filtered, real-time Windows-Explorer style view of past, present and future Oracle jobs
- Supports parameter substitution for E-Business Suite processes
- Provides multiple types of business calendars for scheduling reports
- Offers choices to View, Report and Alert personnel based on various report job statuses
- Monitors files that are used as event triggers for the initiation of report run requests
- Utilizes queue and priority management for all run requests
- Centralizes security and control for operations and scheduled run requests with Web and Windows interface
- Processes job control such as old/ resume/delete for all Oracle E-Business Suite report jobs
- Enhances rerun functionality to overcome common database lockout errors
- Synchronizes monitoring of all Oracle E-Business Suite report run requests
- Enables extensive logging of all output information from Oracle E-Business Suite report runs
- Captures and displays error messages on report runs
- Allows for more informative error messages and logging from the Scheduler functions

Security

Security between the Enterprise Adapter and Oracle E-Business Suite includes:

- Validation of username and password against the Oracle E-Business Suite database user during job definition and submission
- Confirmation of user responsibility rights before a run request is submitted
- Password encryption when invoking Oracle E-Business Suite forms, exposing only the scrambled password string
- Enhanced security feature that allows add and edit capabilities for an Oracle E-Business Suite job within the scheduler

OracleApps Job Definition - \OA Param Job

OracleApps Job Name: OA Param Job

Job Class: [] Owner: Schedulers

Parent Group: []

OracleApps Job Definition | Schedule | Run | Dependencies | Resources | Job Events | Options | Runbook | Notes

Concurrent Request Data

Responsibility: System Administrator

Concurrent Program Request Set

Application: Application Object Library

Name: Backup Table Statistics

Track spawned child processes

Account child statuses in completion status

Cancel process if any child process errors

Translate "Warning" status to "Completed Abnormally"

Parameters | Parameter Values

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The adapter provides industry-leading integration including drop-down lists of existing Oracle E-Business Suite request data.

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