

## Consolidate Scheduling and Automate Processes with ActiveBatch Extension for Oracle E-Business Suite

### Oracle E-Business Suite: IT Boundaries Identified

Oracle E-Business Suite (EBS) provides organizations with an extensive set of business applications for running and managing business processes and functions that are critical to the success of the business. Oracle EBS includes a built-in scheduler known as Concurrent Manager for basic scheduling and monitoring requirements. However, Concurrent Manager is limited in functionality and is not intended for jobs that extend outside of Oracle EBS. With an increased request for more sophisticated jobs and workflows running throughout today's IT environments, users need advanced scheduling and integration capabilities to execute jobs and workflows that cross different applications and technologies. IT users are turning to enterprise-wide job scheduling and workload automation solutions that can pass data and manage dependencies between Oracle EBS and other applications, databases and technologies.

### Easily Load and Manage Existing and New E-Business Suite Processes in ActiveBatch

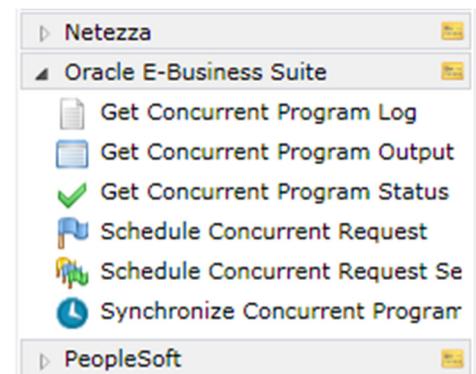
The ActiveBatch Extension for Oracle E-Business Suite (EBS) provides scheduling and automation capabilities beyond those found within Concurrent Manager, thus providing IT organizations with an enterprise-wide business process automation solution for automating Oracle E-Business Suite processes and other batch processes Oracle EBS is dependent on via a single interface.

The ActiveBatch Extension for Oracle E-Business Suite allows for the triggering of both existing EBS Concurrent processes and the building of new ones from within ActiveBatch. ActiveBatch offers enhanced scheduling capabilities including constraints or dependencies, monitoring, alerting and more, all which provide more advanced scheduling functionality than the native Oracle Scheduler. Users can schedule Oracle EBS jobs to run on specific day/time schedules or trigger Oracle EBS processes based on an IT or business event using ActiveBatch's robust event automation framework, such as the successful completion of a dependent job, the creation, modification or deletion of a file, a JMS/JMX event, the receipt of an email, and many more. Among the Oracle EBS processes that are included within the ActiveBatch Extension for Oracle EBS are:

- Get concurrent program log
- Get concurrent program output
- Get concurrent program status
- Scheduler concurrent request
- Schedule concurrent request set
- Synchronize concurrent program

### ActiveBatch® Extension for Oracle E-Business Suite Jobs Library Job Steps

The ActiveBatch Integrated Jobs Library simplifies the development and implementation of single and/or compound business and IT processes into unified workflows using simple drag-and-drop templated Job Steps.



**Oracle EBS:** 12.0.0 - 12.0.8, 12.1.1  
**ActiveBatch:** Version 9 and above

# ActiveBatch Extension for Oracle<sup>®</sup> E-Business Suite

The Oracle Job Steps are production ready and provide the user with auto-populating drop down menus to designate job criteria and fields such as EBS Application and Program type, removing the need for developers to hard code these variables within scripts. Developers can then leverage the Integrated Jobs Library's intuitive interface to drag and drop these Oracle Job Steps into workflows that integrate them with other pre-packaged Job Steps found within the Integrated Jobs Library, allowing IT organizations to pass data and manage dependencies between Oracle EBS and other critical applications and platforms, databases, stored procedures, custom .NET or Java-based applications and more.

ActiveBatch supports the monitoring and alerting of workflows that include EBS and other applications whose completion statuses are tied to an SLA or business policy. Users can select from a series of alert notifications to notify users of an impending SLA breach and select the appropriate action.

## Use Case

You can automate the process of taking data from a CSV (comma-separated variable) file, importing that data into a table, running an Oracle EBS job to generate a financial statement, and then distributing that information to the appropriate parties, all without the need to write custom scripts.

## Benefits

ActiveBatch provides a single viewpoint for the management of business critical workflows that include Oracle and non-Oracle applications.

- **Incorporate Oracle EBS Scheduling** into broader, cross-platform and cross-application enterprise scheduling and integrate EBS processes with external processes to create complete business workflows across multiple Oracle systems giving operators the ability to communicate and manage many Oracle jobs and workflows.

- **Load and Automate Oracle Stored Procedures** within ActiveBatch workflows for improved productivity, performance and ease of use.

- **Reduce Data Entry Errors** and minimize delays in processing by automating previously manual tasks.

- **Ensure SLAs are Met** by monitoring and alerting for potential scheduling issues.

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The screenshot displays three job steps in the ActiveBatch Integrated Jobs Library:

- ReadTextFromFile** (File System):
  - Source: C:\MyDate.csv
  - Delimiter: \n
  - ContextName: Object
- PLSQLBlock** (Database (Oracle)):
  - DataSource: \${EBSDataSource}
  - Content: 

```
--Code parses comma-separated variable (CSV)
--and imports it into an EBS table
Begin
select val
```
  - Credentials: /Jobs/Oracle/EBS\_Copy1/APPS\_OracleEBS\_DB
- ScheduleConcurrentRequest** (Oracle E-Business Suite):
  - User Account: /Jobs/Oracle/EBS\_Copy1/APPS\_OracleEBS\_DB
  - Data Source: %{EBSDataSource}
  - Application: General Ledger
  - Program: Program - Run Financial Statement Generator
  - EBS User Name: EBS USER
  - Responsibility: General Ledger Super User
  - Wait For Completion: True
  - Write To ActiveBatch Log: True
  - Description: Requested by ActiveBatch
  - Start Time: <default>
  - Arguments: List of Strings

ActiveBatch<sup>®</sup> Integrated Jobs Library Job Steps for Oracle E-Business Suite As displayed in the ActiveBatch Integrated Jobs Library