

Oracle® Retail Batch Script Architecture

Release Notes

Release 14.0.3

June 2015

The Batch Script Architecture (BSA) is designed to provide a robust, enterprise-ready architecture for parallel process control, restart control, log consolidation, and dependency checks. Applications that take advantage of the architecture include:

- Oracle Retail Advanced Inventory Planning
- Oracle Retail Analytic Parameter Calculator for Regular Price Optimization
- Oracle Retail Assortment Planning
- Oracle Retail Category Management
- Oracle Retail Demand Forecasting
- Oracle Retail Item Planning
- Oracle Retail Item Planning Configured for COE
- Oracle Retail Merchandise Financial Planning
- Oracle Retail Regular Price Optimization
- Oracle Retail Replenishment Optimization
- Oracle Retail Size Profile Optimization

Functionally, the batch operability is enhanced by making it easier to diagnose and correct problems. Errors and exceptions are isolated (contained) within the applications' domains in which they occur. Processing is designed to easily restart and proceed with execution.

Parallel tasks are managed, logged, and checked for errors, to the same standard as non-parallel tasks.

BSA provides the following features:

- Error handling and logging architecture and their implementation
- Script parallel process management (logging, error control, and waiting) framework

The BSA is a common component architecture that is used by many of the Oracle Retail application batch scripts for the reusing of code. The BSA has a structured approach of execution.

In addition to modularization and complete separation of the generic functionality, additional functionality has been added, including the management of access credentials for database connections, and SQL query, move and copy-with confirmation, and HTML- and XML-based logging.

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Noteworthy Defect Fixes

The following table contains issues that have been fixed for the current release.

Affected Component	Fixed Issue/Defect	Defect Number
Warning	When using recent versions of Java on AIX systems configured with a hard ulimit not set to unlimited, a warning appears in the output that contains the phrase <i>"out of memory errors may occur"</i> . BSA flagged this as an error in the output log, but it is a false positive. BSA was updated to no longer trigger this as an error.	20995679

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