

# Oracle® Retail Batch Script Architecture

Release Notes

Release 14.1.3

July 2016

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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 Planning and Optimization/Macro Space Optimization
- 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.

## Related Documentation

For more information, see the following documents in the Oracle Retail Batch Script Architecture Release 14.1.3 documentation set:

- *Oracle Retail Batch Script Architecture Release Notes*

Also see the following application's document sets that include information about BSA:

- Oracle Retail Advanced Inventory Planning
- Oracle Retail Analytic Parameter Calculator for Regular Price Optimization
- Oracle Retail Assortment Planning
- Oracle Retail Category Management Planning and Optimization/Macro Space Optimization
- Oracle Retail Demand Forecasting
- Oracle Retail Item Planning
- Oracle Retail Item Planning Configured for COE
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