

Automate Data Warehousing and BI Processes with the ActiveBatch® Extension for SAP BusinessObjects Data Services

Problem

As a market leading data integration solution, SAP BusinessObjects Data Services is an important solution to integrate, transform and deliver data across the enterprise. In today's dynamic IT environments, additional functionality is required than over those provided within the native SAP job scheduler. A more robust scheduling solution is needed to efficiently schedule and execute Data Services tasks while automating entire Data Warehousing and Business Intelligence (BI) processes which may include SAP BusinessObjects Data Services as well as other applications and databases.

Solution

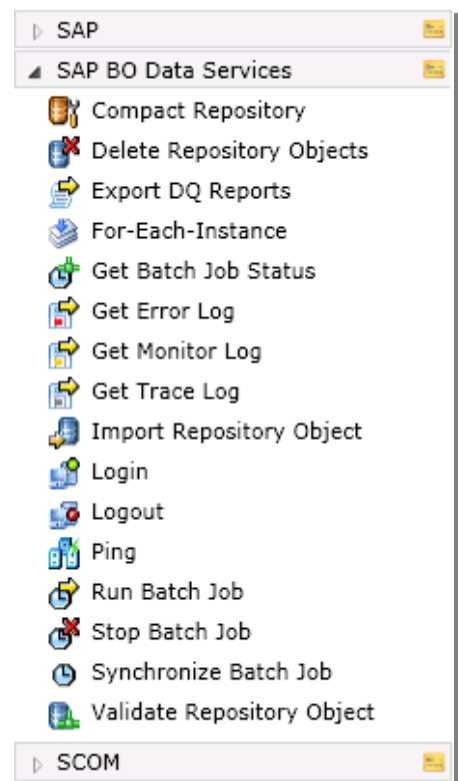
With the ActiveBatch® Extension for SAP BusinessObjects Data Services, you can automate the execution of SAP BusinessObjects Data Services Job Steps within ActiveBatch workflows that integrate BusinessObjects Data Services with other applications, databases and data sources. And you can do this all without the need to install any ActiveBatch components within your SAP environment. The result is the creation of workflows that can automate an SAP BusinessObjects Data Services ETL job, deliver that information to a BI solution, execute the reports and distribute them to end users.

ActiveBatch provides Job Steps to automate up to 16 critical tasks performed by SAP BO Data Services, including:

- Delete Repository Objects
- Export DQ Reports
- Run a Batch Job
- Stop a Batch Job

ActiveBatch Job Scheduling and Workload Automation optimizes SAP BusinessObjects scheduling by offering more advanced scheduling capabilities than what is incorporated within the native SAP scheduler, including event automation, alerts, audits and monitoring, allowing SAP BusinessObjects Data Services users to integrate data pathways into automated, repeatable and schedulable process that deliver a high degree of visibility and control over all steps in the process.

SAP BusinessObjects Data Services XI 3.2.1.13.10
and above
ActiveBatch Version 8 SP3 and above



ActiveBatch Extension for SAP BusinessObjects Data Service 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.

ActiveBatch® Extension for SAP BusinessObjects Data Services Workflow As displayed in the ActiveBatch Integrated Jobs Library

The screenshot displays a workflow configuration in the ActiveBatch Integrated Jobs Library. The workflow is titled 'Job' and is located in the queue '/QA/Objects/Queues/Windows/JobQ1' with the user account '/QA/Objects/UserAccounts/Windows/User'. The workflow consists of the following steps:

- Login** (SAP BO Data Services):
 - Connection Properties: ConnectionProperties
 - Web Services URL: http://sap-bo:28080/DataServices/servlet/webservices?ver=2.0
 - User Credentials: /QA/Objects/UserAccounts/SAPBusinessObjects/SAP_BO_DS_Admin
 - Repository Name: DataServices_Repo
 - System: System
- RunBatchJob** (SAP BO Data Services):
 - Batch Job Name: JOB_CustDim_Match
 - Connection Properties: <empty>
 - Job Dispatch Type: <empty>
 - Parameters: <empty>
 - Wait For Completion: SynchronizationProperties
- ExportDQReports** (SAP BO Data Services):
 - Run ID: (Binding Value={%{RunBatchJob.ReturnValue.RunId}\$ {FAIL}}, Mode=Text)
 - Connection Properties: <empty>
- IfBranch** (Flow Control):
 - Expression: "%{ExportDQReports.ReturnValue.ExportPath}"=""
 - Branch: ExitJob (Flow Control)
- Logout** (SAP BO Data Services)

ActiveBatch Extension for SAP NetWeaver BW Certified for:

- SAP BC-XBP 6.10 - Background Processing, Job Scheduling 6.10 (Version 2.0)
- SAP BW-SCH 3.0 - Scheduling for SAP BW 3.0
- SAP BC-XBP 7.0 - Background Processing and Job Scheduling 7.0 (Version 3.0)

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Benefits

- Automated data integration from multiple sources
- Automate ETL and data integration jobs within SAP
- BusinessObjects Data Services
- Improve data quality and reporting
- Easily create end-to-end workflows without the need for custom scripting

Partnership

Advanced Systems Concepts, Inc. is a SAP Partner. ActiveBatch allows SAP users to easily build mixed workloads across systems that integrate SAP with other databases, applications, and technologies for improved business process automation. SAP users who require advanced scheduling capabilities can benefit from ActiveBatch by better managing and controlling workloads and tasks across disparate systems.

About SAP

As the world's leading provider of business software solutions, SAP pursues a commitment to innovation that delivers sustainable business value for our customers and shareholders, and sets the foundation for a strong, stable company positioned for long-term growth.

SAP NetWeaver BW

The ActiveBatch Extension for SAP NetWeaver BW offers a cross-platform framework that integrates SAP business and data warehouse processes with other SAP and non-SAP processes, including external applications and databases, into organized and unified workflows. The result is a reliable and secure operation that when coupled with ActiveBatch's scheduling capabilities, can improve service levels and eliminate idle time for reduced cost of operations.