

Improve Data Quality and Gain Faster Time to Insight with the ActiveBatch® Extension for Netezza

Problem:

Netezza is a high-performance data warehousing appliance used in support of Business Intelligence (BI), predictive analytics, ETL processing and more. With no built-in scheduling capabilities, Netezza users must resort to custom scripting for the scheduling of Netezza tasks and processes such as database backups and the loading and exporting data into and out of the Netezza appliance. However, custom scripting is expensive, time consuming and often error-prone. An advanced scheduling solution is needed to allow users to schedule Netezza processes based on time or event, resulting in streamlined IT operations and improved data quality and reporting.

Solution:

ActiveBatch® Extension for Netezza provides a series of production-ready Job Steps that includes the ability to schedule database backups based on time or event for efficient IT operations. Users can automate the loading and passing of data through the Netezza appliance, ensuring timely and accurate information. The ActiveBatch Integrated Jobs Library includes over 100 job templated steps that are designed specifically to eliminate the need for command line use and/or expensive scripting. ActiveBatch users can automate and integrate critical processes performed by Netezza including:

- **NZLoadData for loading data into the Netezza Appliance**
- **NZBackup for database backups**
- **NZPLSQL Block to execute SQL queries in the Netezza SQL language**

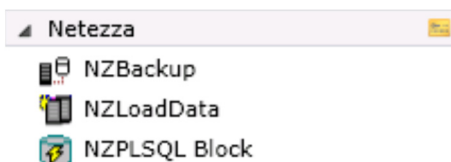
Netezza 5.0 and above
ActiveBatch Version 8 Service Pack 2 and above

Example:

Users can define, execute and automate Netezza jobs and integrate them as part of workflows that can include Cognos BI, Informatica PowerCenter, SAP Business Objects, databases such as SQL Server and more. For example, use ActiveBatch to create a workflow that first automates upstream processes correctly before dependent Netezza jobs are triggered and then delivers that data downstream to a BI system. The ActiveBatch Integrated Jobs Library provides a drag- and-drop interface with reusable, production ready Job Steps which integrate a wide range of IT technologies, tasks, applications and functions, allowing users to easily construct workflows without the need for custom scripting.

ActiveBatch® Extension for Netezza 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.

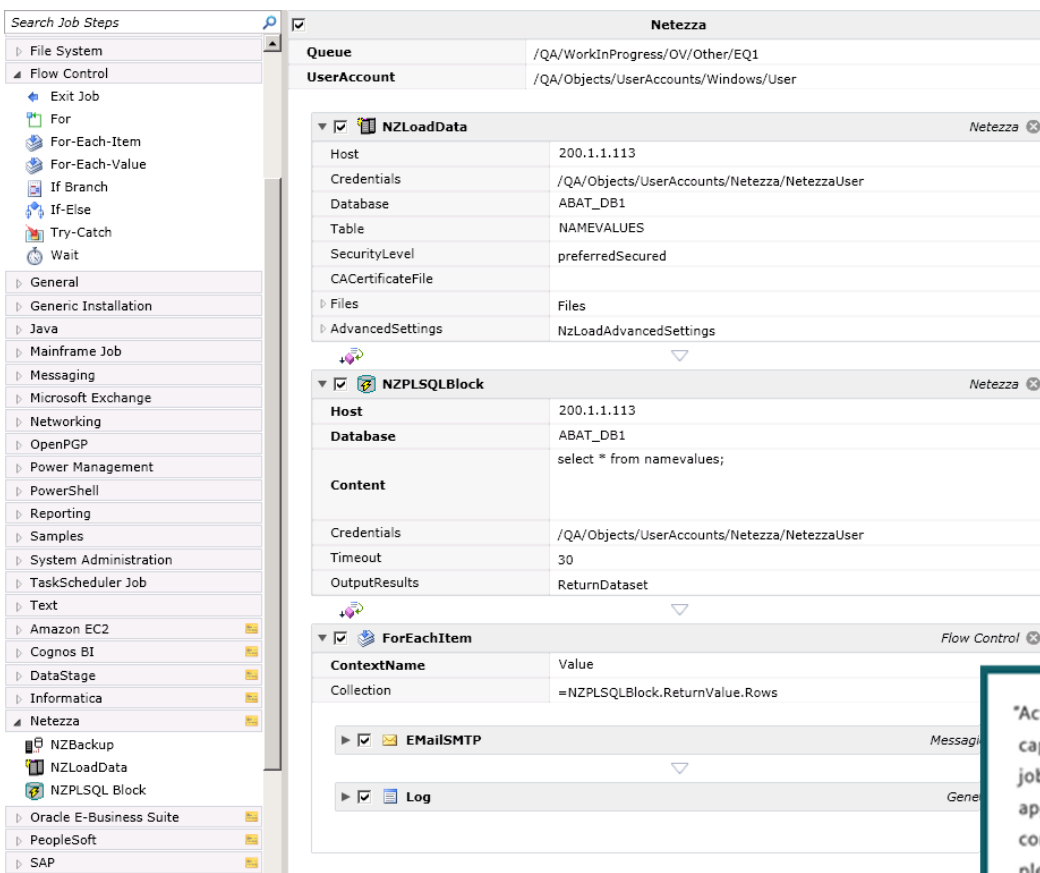


Benefits:

The ActiveBatch Extension for Netezza improves the quality and reliability of data presented to the Netezza system for processing. It adds strategic business value by automating operations in real-time resulting in faster results and faster time to insight. The ActiveBatch Extension for Netezza allows IT organizations to:

- Automate the uploading and passing of data through Netezza for improved data quality and more timely results
- Improve data quality through scheduling capabilities that ensure the completion and validity of upstream processes
- Experience better reporting due to tight integration between third party reporting packages and Netezza
- Reduce reliance on custom scripting to avoid constant updates and manual errors

ActiveBatch® Extension for Netezza Workflow
 As displayed in the ActiveBatch Integrated Jobs Library



Partnership:

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

"ActiveBatch® is renowned for its cross-platform capabilities as well as its ability to simplify the job scheduling process. Netezza data warehouse appliances are likewise designed to remove complexity and speed time to value. We're pleased that ActiveBatch is now part of our partner ecosystem, giving our users another valuable tool for advancing their data warehouse effectiveness."

Matt Rollender
 Director of Technology Partnerships
 Netezza Corporation

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