Automate and Integrate Cognos Processes for Improved Reporting and Business Intelligence with ActiveBatch

Problem:

With data volumes increasing and being distributed across growing numbers of disparate sources and applications, Business Intelligence (BI) and Data Warehousing processes are growing in complexity. New tools are required with advanced scheduling and automation capabilities to augment the limited job scheduling tools found in today's BI solutions and to ensure the successful execution of BI and Data Warehousing processes, accuracy of data and on-time delivery of BI reports to the right end users.

Solution:

The ActiveBatch® Extension for IBM Cognos BI provides users with improved job scheduling capabilities for the execution of Cognos BI jobs, in addition to creating workflows that integrate and automate the management of resources and processes across data warehousing and BI environments. Leverage ActiveBatch's core scheduling capabilities that include constraints, event triggers, monitoring, alerts, audits and more that allow Cognos BI users to integrate data pathways into automated, repeatable and schedulable processes that deliver a high degree of control over all steps in the BI/Data warehousing process.

The ActiveBatch Integrated Jobs Library supports multiple Cognos BI Job Steps, including the creation, processing and publishing of Cognos analytics cubes, in addition to simplifying the running and distribution of Cognos reports. ActiveBatch also supports other BI and data warehousing solutions to enable users to create end-to-end workflows for true business process automation by integrating these solutions without the need for custom scripting.
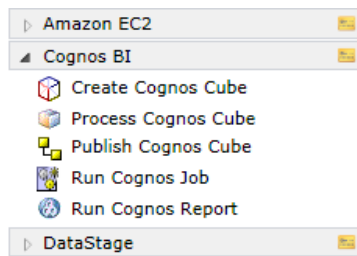
These include:

- IBM InfoSphere DataStage
- Teradata
- SAP Business Objects
- Informatica PowerCenter
- Netezza
- And more!

Example:

Use the "Create Cognos Cube" and "Run Cognos Report" Job Steps within ActiveBatch to create a unified workflow that automates the uploading of data into Cognos BI, the processing of the data, the generation of a report and then distributes those reports to a group of end users. This saves time, reduces errors and ensures that data is processed accurately and on time for improved reporting.

IBM Cognos BI 8 and 10
ActiveBatch Version 8 Service Pack 3 and above

- Amazon EC2
- Cognos BI
  - Create Cognos Cube
  - Process Cognos Cube
  - Publish Cognos Cube
  - Run Cognos Job
  - Run Cognos Report
- DataStage

ActiveBatch® Extension for IBM Cognos BI
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 IBM Cognos BI Workflow
As displayed in the ActiveBatch Integrated Jobs Library

Benefits:

The ActiveBatch Extension for IBM Cognos BI will allow you to automate and integrate business intelligence initiatives and enable smart business decision making by:

- Automating BI processes end-to-end
- Improving Data Quality
- Better reporting due to improved data quality

Partnership

Advanced Systems Concepts, Inc. is an IBM Business Partner. ActiveBatch allows users to easily design and automate single and/or mixed workloads by coupling them with databases, applications, and advanced technologies for improved business process automation. Users who require advanced scheduling capabilities can benefit from ActiveBatch by better managing and controlling workloads and tasks across disparate systems.

About IBM Cognos BI

Leading companies and organizations around the world choose Cognos software to drive better business outcomes. They use Cognos Business Intelligence software to gain a complete perspective of their business and to understand performance.

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