

### 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.

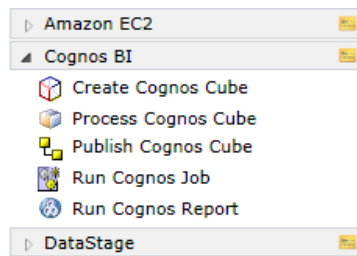
These include:

- 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**



**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

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

CreateCognosCube	
Cognos Cube Definition	C:\AbatModel.mdl
Cognos Connection Credentials	<empty>
Cognos Data Source Credentials	<Optional>
Log File	C:\Test.Log
Parameter File	

ProcessCognosCube	
Cognos Cube Definition	C:\QA\Files\Cognos\QACubTest.mdl
Cognos Connection Credentials	<empty>
Cognos Data Source Credentials	<Optional>
Log File	c:\ProcessAbatCube.log
Parameter File	

PublishCognosCube	
Cognos Cube Definition	C:\AbatModel.mdl
Preference File	C:\AbatModel.xml
Cognos Connection Credentials	<empty>
Cognos Data Source Credentials	<Optional>
Log File	

RunCognosReport	
Cognos Server	http://cognos/cognos8/cgi-bin/cognos.cgi
Cognos Server Credentials	<Missing>
User namespace	Cognos
Report	/Samples/Models/GO Data Warehouse (analysis)
Format	HTML
OutputFile	c:\ReportOutput\j Eugene.html
Timeout	60
Parameters	<CognosReportParameters>

## 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.

REQUEST A PERSONALIZED ACTIVEBATCH DEMO TODAY!

Learn more about the solution more than 1900 customers worldwide trust for their enterprise automation needs.

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