

### Improve Data Quality and Reporting with ActiveBatch® Enterprise Job Scheduling & Workload Automation

#### Problem:

With today's growing IT environments, newer, more advanced scheduling capabilities are needed to help in handling, storing, and managing data within your data warehouse. With no scheduling or automation capabilities, Teradata users must resort to custom scripting for both the scheduling of Teradata processes, such as backup and restore jobs, in addition to developing end-to-end workflows that integrate Teradata with various IT systems. However, custom scripting is expensive, time consuming and often error-prone. An advanced scheduling solution with integration and automation capabilities is needed to allow Teradata users to more easily manage their Teradata appliance and develop end-to-end workflows for improved reliability, data quality and reporting across the enterprise.

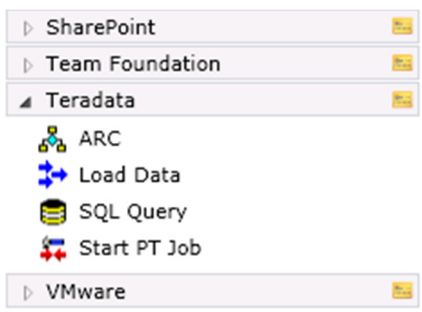
#### Solution:

The [ActiveBatch® Extension for Teradata](#) can be used as a native scheduler to automate the execution of Teradata tasks and easily build workflows that integrate Teradata with other disparate IT systems used in data warehousing environments. 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 and functions, allowing users to easily construct workflows without the need for custom scripting. Users can automate and integrate processes performed by Teradata, including database queries, starting and stopping PT jobs and loading data. The capabilities provided by the ActiveBatch Extension for Teradata allow users to more efficiently integrate and manage the key resources in their data warehousing environments for improved data quality and reporting.

ActiveBatch Enterprise Job Scheduling and Workload Automation provides advanced scheduling capabilities that include constraints, event triggers, monitoring, alerts, audits and more for the automated execution of jobs and tasks allowing users to share data and manage dependencies from Teradata with other technologies.

#### Example:

With ActiveBatch, users can build a workflow that automates a process that loads data into a Teradata table using the "Load Table" Job Step, aggregate that data into a report and print or distribute the report to a group of end users. Additionally, a user could use the "ARC" Job Step to schedule and automate the execution of backup and restore tasks within Teradata.



Teradata 13.10

ActiveBatch Version 8 Services Pack

TERADATA.

#### ActiveBatch® Extension for Teradata 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:**

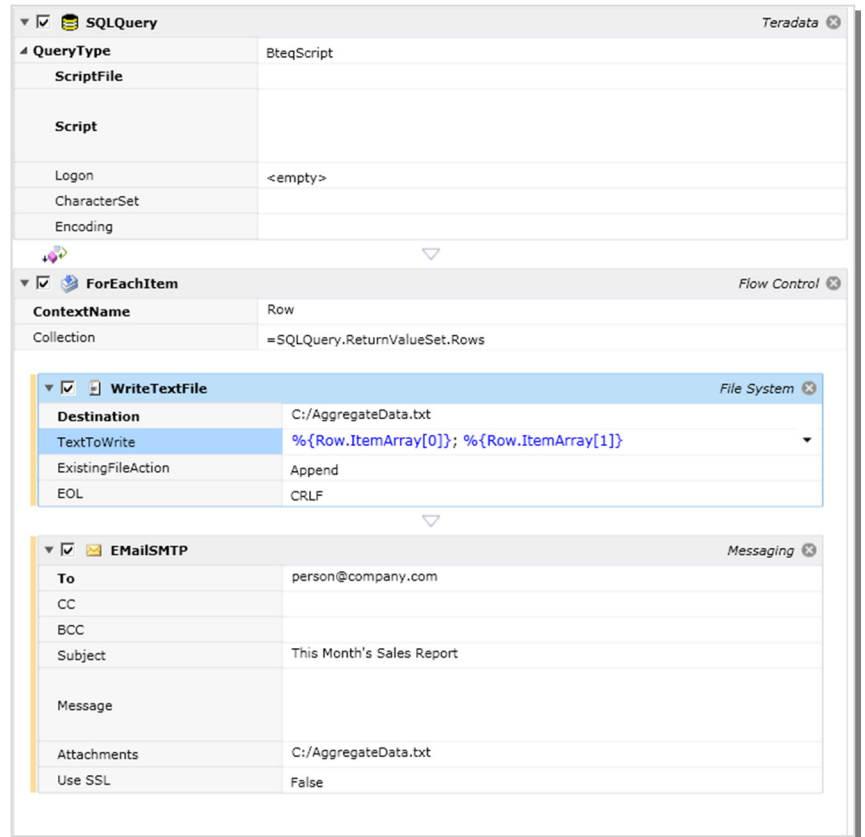
Data warehousing jobs can now be managed from a single console making it easier and more efficient to manage Teradata processes. As a result, experience:

Improved data quality through scheduling capabilities that ensure the completion and validity of upstream and downstream jobs

Better reporting & faster time to insight due to tight integration between third party reporting packages and Teradata

Reduced reliance on custom scripting to avoid constant updates and manual errors

Develop end-to-end workflows faster and more reliably without the need for custom scripting



**ActiveBatch Extension for Teradata Workflow**  
As displayed in the ActiveBatch Integrated Jobs Library

**Partnership:**

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

**About Teradata:**

Teradata, the world's largest company solely focused on data warehousing and integrated marketing management, provides powerful solutions for companies of all sizes. Through innovation, consulting services, technology, and industry-specific applications, our customers are outpacing their competition with enterprise agility.

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