

Integrated Job Step Library

ActiveBatch gives you the ability to shorten your workflow build time up to 50% with its extensive Job Steps Library. Our intuitive and graphical drag-and-drop workflow designer allows developers to easily create workflows that automate key business and IT operational processes.

In the library, you'll find reliable, tested Core Job Steps for a wide range of applications, databases and computing platforms - from ActiveBatch and Active Directory to SQL Server Database and Open PGP.

In addition to the Core Job Steps, we also have a robust set of ActiveBatch Extension Job Steps. Designed for the enterprise software you use most, we've assembled some of the most frequently used actions into our library.

In addition to the Job Steps we offer, ActiveBatch also offers a number of targeted Add-Ins for specific functions, including for interfaces, connections to monitoring tools and scheduling and automating Oracle EBS processes.

View our complete list of Job Steps as well as our Add-Ins below.

List of Core ActiveBatch Job Steps

Active Directory

- Add Group
- Add User
- Add User to Group
- Delete Object
- Disable User
- Enable User
- For-Each-Object
- Modify Object Attributes
- Modify User Attributes
- Remove User From Group

ActiveBatch

- Close Queue
- Open Queue
- Start Queue
- Stop Queue
- Disable Object
- Soft Disable Object
- Enable Object
- Release Object
- Export
- Import
- Expression
- Hold Object
- Import Changeset
- Report Progress
- Set Variable
- Set Variables
- Synchronize Plan
- Synchronize Job
- Trigger Job
- Trigger Plan

ActiveBatch Installation

- Install
- Modify
- Uninstall
- Update

BackupExec

- Backup
- Restore

Certificates

- Create Self-Signed Certificate
- Load Certificate
- Remove A Certificate

CyberArk

- Get Account Info

Database

- Connect
- Disconnect
- For-Each-Row
- Generic SQL Block

Database (Oracle)

- Connect
- Disconnect
- Export
- GetJobStatus
- Import
- PL/SQL Block
- Start Job
- Synchronize Job

Database (SQL Server)

- Connect
- Disconnect
- Backup
- DTS Package run
- Run SQL Server Job
- Run SSIS Package
- T-SQL Block

File System

- Archive
- CalculateFileChecksum
- Change Working Directory
- Copy Files
- Copy Folder
- Create Folder
- Delete File
- Delete Folder
- ForEachFile
- GetFileInfo
- IfCompareFiles
- IfFile
- IfFolder
- Move File

- ReadTextFromFile
- SetFileAttribute
- Set Security
- Unarchive
- WriteTextFile

Flow Control

- Break
- ExitJob
- For
- For-Each-Item
- For-Each-Value
- Group
- If-Branch
- If-Else Branch
- TryCatch
- Wait (Sleep)
- While-Loop

General

- Embedded Script
- Log
- OutputVariables
- Shell Command

Generic Installation

- Install
- Uninstall

Java

- Execute EJB Method
- Execute Java Method
- Execute JMX Method
- Get JMX Attribute
- Set JMX Attribute

Mainframe

- Submit Job to IBM z/OS Mainframe
- Synchronize with Mainframe Job

Managed File Transfer

- Connection Data
- Embedded Connection Data
- Managed Connection
- Filter
- File Specification
- Change Remote Directory
- Connect
- Create Directory
- Delete
- Disconnect
- Download Files
- List Files
- Move File
- Raw FTP Command
- Synchronize
- Upload Files

Messaging

- Delete Tweet
- Send E-Mail Message (Exchange)
- Send E-Mail Message (SMTP)
- Send a Grawl Message
- Issue Communicator Message
- Issue Skype Message
- Receive a MSMQ Message
- Send a MSMQ Message
- Receive a JMS Message
- Send a JMS Message
- Send a Tweet

Microsoft Exchange

- Associate Member to Group
- Create Distribution Group
- Create Mailbox
- Delete Distribution Group
- Disable Mailbox
- Disassociate Member from Group
- Enable Mailbox

Networking

- FTP-SFTP-FTPS
- Ping a Machine
- Secure Shell - SSH
- Web Request

Open PGP

- AddUserToOpenPGPKey
- CreateOpenPGPKeyring
- Decrypt a File Using OpenPGP
- Encrypt a File Using OpenPGP
- Export PGP Keys
- Generate PGP Keys
- Get Key Info
- Import PGP Keys
- Remove OpenPGP Key
- Remove User from OpenPGP Keyring
- Revoke Keys
- Sign a File
- Verify a Signed File

Power Management

- Collect Machines
- Suspend Machine
- Wakeup Machine
- Execute PowerShell Script
- Format PowerShell Script

Reporting

- Crystal Reports
- Crystal Report Server
- SQL Server Reporting

System Administration

- Check Service Status
- Clear Event Log
- Search Event Log
- Pause Service
- Resume Service
- Start Service
- Stop Service

Task Scheduler

- Execute a Task Scheduler Job

Text

- For-Each-RegEx Match
- For-Each-XML-Node

List Of ActiveBatch Extension Job Steps

Amazon EC2

- Allocate Elastic IP Address
- Associate DHCP Options
- Associate Elastic IP Address
- Associate Route Table
- Attach Internet Gateway
- Attach Volume
- Attach VPN Gateway
- Authorize Security Group Rule
- Cancel Spot Request
- Create Instances
- Create Object
- Delete Object
- Detach Internet Gateway
- Detach Volume
- Detach VPN Gateway
- Disassociate Elastic IP Address
- Disassociate Route Table
- For-Each-Elastic-IP
- For-Each-Image
- For-Each-Instance
- For-Each-InternetGateway
- For-Each-Key-Pair
- For-Each-Reserved-Instance-Offering
- For-Each-Security-Group
- For-Each-Snapshot
- For-Each-Subnet
- For-Each-Volume

- For-Each-VPC
- For-Each-VPN Gateway
- Get Console Output
- Get Image Attribute
- Get Instance Attribute
- Get Instance IDs
- Get Instance Status
- Get Snapshot Attribute
- Get Spot Price History
- Get Spot Requests
- Get Tags
- Get Windows Password Data
- Import Object
- Login
- Logout
- Modify Attribute
- Monitor Instances
- Purchase Reserved Instances
- Reboot Instances
- Register Image
- Release Elastic IP Address
- Replace Network ACL Association
- Replace Network ACL Entry
- Replace Route
- Replace Route Table Association
- Request Spot Instances
- Reset Attribute
- Revoke Security Group Rule
- Start Instances
- Stop Instances
- Synchronize Instances
- Tag Resources
- Terminate Instances
- Unmonitor Instances
- Untag Resources

Apache Hadoop

- Create HBase Table
- Delete HBase Table
- Get HBase Table Schema
- Hive Query
- Execute A Pig Script
- Sqoop Export
- Sqoop Import
- Submit MapReduce Job
- Submit Spark Application

Apache HDFS

- Copy
- Create Directory
- Delete
- Get Content Summary
- Get File Checksum
- Get Home Directory
- Get Info
- List Directory
- Login
- Move (or Rename)
- Set Security

Apache Oozie

- Change Job
- Get Job Information
- Get Job Log
- Kill Job
- List Jobs
- Login
- Rerun Job
- Resume Job
- Start Job
- Submit Job
- Suspend Job
- Synchronize Job

Cognos BI

- Create Cognos Cube
- Process Cognos Cube
- Publish Cognos Cube
- Run Cognos Job
- Run Cognos Report

IBM DataStage

- Generate Report
- List Objects
- Log Operations
- Login
- Retrieve Object Info
- Set Job Alias
- Start Job
- Stop Job

Informatica PowerCenter

- Get Session Log
- Get Session Statistics
- Get Task Details
- Get Task Flow Details
- Login
- Logout
- Start Task
- Start Task Flow
- Stop Task
- Stop Task Flow
- Synchronize Task
- Synchronize Task Flow

Microsoft Azure

- Create (and Update)
- Delete
- Download RDP File
- Get Affinity Groups
- Get Data Disks
- Get Disks
- Get Hosted Services
- Get Network Configuration

- Get Operating System Images
- Get Storage Services
- Get Virtual Machines
- Restart Virtual Machine
- Shutdown Virtual Machine
- Start Virtual Machine
- Update

Microsoft Dynamics AX

- Call Static Class Method
- Cancel Batch Job
- Compile
- Export Model/ModelStore
- ForEachCompany
- For Each Batch Job
- Get Batch Job Log
- Get Batch Job Status
- Logoff
- Import Model/ModelStore/Schema/XPOFile
- Logon
- Run Batch Job
- Run Batch Jobs
- Run Task
- Synchronize Batch Job
- Synchronize Database

Microsoft SharePoint

- Assign User To Group
- Assign User To Role
- Assign User To Group
- Backup
- Check In
- Check Out
- Copy
- Create
- Delete
- Discard Check Out
- Download File
- Get
- Move

- Remove Role From Group
- Remove Role From User
- Remove User From Group
- Rename Folder
- Restore
- SetAuthentication
- Update

Microsoft System Center Configuration Manager

- Assign Administrative Category
- Assign Driver
- Assign Primary User
- Assign Software Updates to Package
- Assign to Distribution
- Create
- Delete
- Deploy
- Disable Task Sequence
- Enable Task Sequence
- Get Administrative Categories
- Get Application Deployments
- Get Applications
- Get Collections
- Get Deployment Packages
- Get Distribution Points
- Get Driver Packages
- Get Drives
- Get Folder Items
- Get Folders
- Get Operating System Images
- Get Operating System Installers
- GetPackageDeployments
- Get Packages
- Get Programs
- Get Resources
- Get Software Updates
- Get Task Sequence Deployments
- Get Task Sequences
- Get Updates Deployments
- Get Variables

- Modify
- Move Item To Folder
- Refresh Collection
- Refresh Package at Distribution
- Refresh Package Source
- Remove Administrative Category
- Remove Collection Member
- Remove Driver
- Remove from Distribution
- Remove Primary User
- Remove Software Update Group Members
- Remove Software Updates from Package
- Synchronize Update Point

Microsoft System Center Operations Manager

- Enable Maintenance Mode
- Exit Maintenance Mode

Microsoft System Center Orchestrator

- GetJobStatus
- StartRunbook
- Stop Runbook
- Synchronize Runbook

Microsoft System Center Service Manager

- Close Incident
- Create Incident
- Resolved Incident
- Update Incident

Microsoft System Center Virtual Machine Manager

- Add Host
- Backup VMM Server
- Clone Virtual Machine
- Create Hardware Profile
- Create Virtual Machine
- Create VM Checkpoint
- Enter Host Maintenance Mode
- Exit Host Maintenance Mode
- Move Host

- Move Virtual Machine
- Register Virtual Machine
- Remove Host
- Remove Virtual Machine
- Remove VM Checkpoint
- Resume Virtual Machine
- Revert to Checkpoint
- Shutdown Virtual Machine
- Start Virtual Machine
- Stop Virtual Machine
- Suspend Virtual Machine

Microsoft Team Foundation Server

- Create Work Item
- For-Each-Work-Item
- Get Work Items
- Modify Build
- Modify Work Item
- Start Build
- Stop Build

Netezza

- Backup
- Load Data
- Netezza PL-SQL

Oracle E-Business Suite

- Get Concurrent Program Log
- Get Concurrent Program Output
- Get Concurrent Program Status
- Login
- Schedule Concurrent Request
- Schedule Concurrent Request Set
- Synchronize Concurrent Program

Oracle PeopleSoft

- Get Process Output
- Get Process Request
- Login
- Schedule Process Request
- Update Run Status

SAP BusinessObjects Data Services

- Compact Repository
- Delete Repository Objects
- Export DQ Reports
- For-Each-Instance
- Get Batch Job Status
- Get Error Log
- Get Monitor Log
- Get Trace Log
- Import Repository Object
- Login
- Logout
- Ping
- Run Batch Job
- Stop Batch Run
- Synchronize Batch Job
- Validate Repository Object

SAP Netweaver

- Activate Profile
- Cancel Job
- Change Variant
- Copy Job
- Copy Variant
- Create Job
- Create Profile
- Create Variant
- Deactivate Profile
- Delete Job
- Delete Profile
- Delete Variant
- Display InfoPackage
- Display Process Chains
- Display Profiles
- Get Child Job Status
- Get Job Application Log
- Get Job Status
- Get Spool List
- Login

- Modify Interception Table
- Raise Event
- Read Job Log
- Remove Process Chain
- Restart Process Chain
- Select Child Jobs
- Select Jobs
- Select Intercepted Jobs
- Set Interception Table
- Set Profile
- Start InfoPackage
- Start Process Chain
- Start Job
- Synchronize Job
- Synchronize InfoPackage
- Synchronize Process Chain

ServiceNow

- Close Incident
- Get Incident
- Login
- Open Incident
- Query Incidents
- Resolve Incident
- Update Incident

Teradata

- ARC
- Load Data
- SQL Query
- Start PT Job

VMware

- Add CD/DVD to ISO Image
- Add Network Adapter
- Add Virtual Disk
- Clone a Virtual Machine
- Clone VM with Customization Spec
- Create Customization Spec
- Create Snapshot

- Create Virtual Machine
- Delete Customization Spec
- Delete Virtual Machine
- Disconnect Host
- Enter Host Maintenance Mode
- Exit Host Maintenance Mode
- Mark Virtual Machine as Template
- Migrate Virtual Machine
- Power Off Virtual Machine
- Power On Virtual Machine
- Reboot Guest OS
- Reboot Host
- Reconfigure Virtual Machine
- Reconnect Host
- Remove Snapshot
- Remove Virtual Machine from Inventory
- Rename Snapshot
- Rename Virtual Machine
- Reset Virtual Machine
- Revert to Snapshot
- Run Script
- Set Virtual Machine Network
- Shutdown Guest OS
- Standby Guest OS
- Suspend Virtual Machine
- Update Customization Spec

List of ActiveBatch Add-Ins

Non-Cluster Failover Add-In: ActiveBatch Non-Cluster Failover operates in active-standby mode, monitoring the heartbeat of the job scheduler. If there is a failure or an outage, or the primary job scheduler is unresponsive, jobs and plans will be directed to standby systems so they are executed and completed on or near schedule.

Oracle Database Event Trigger Add-In: With this add-in, get a single point of control for scheduling and automating Oracle EBS processes and integrating them throughout your IT environment.

Nagios Add-In: Network and IT operations staff can centrally monitor the performance and health of ActiveBatch Jobs, Plans, and Queues in addition to monitoring the services for the ActiveBatch Job Scheduler and Execution Agents with this add-in.

Zenoss Add-In: Using this add-in, network administrators can maintain a comprehensive and unified view of network activity by combining Zenoss, an enterprise class, open source monitoring solution, with the job scheduling and workload automation features of ActiveBatch.

Web Console Interface: Access your ActiveBatch environment from anywhere with the Web Console. Users can create, edit, and manage ActiveBatch Objects, easily build end-to-end workflows using the Integrated Jobs Library, and more.

Self-Service Portal: This user-friendly, web-based application gives help desk and business users the ability to run daily and ad hoc processes. With the portal, business users can more easily query data, share files or generate a BI reports, and help desk teams can execute tasks like provisioning machines, rebooting systems and resetting passwords, all without the day-to-day involvement of IT.

Mobile Ops (iOS and Android): With the mobile app, users can get secure access to their ActiveBatch environment, allowing them to monitor and manage their workloads from their iPhone, Android or other mobile device. The app delivers a responsive, feature-rich design and simple navigation for 24/7 access.