

Control-M Automation API

Create and deliver new business services faster with embedded, self-service workflow automation

PRODUCT DESCRIPTION

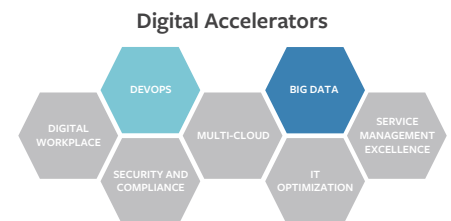
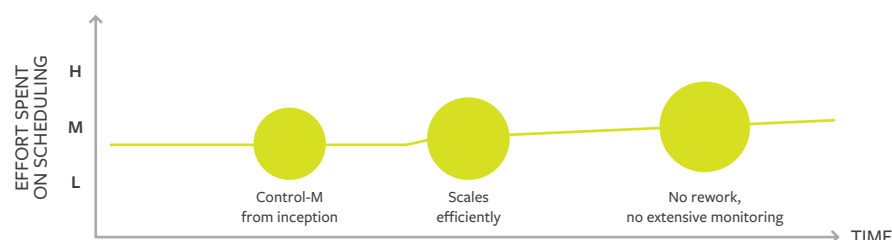
Control-M Automation API enables developers and DevOps engineers to embed Jobs-as-Code, a best practice approach within the agile application release process. Using JSON notation for job definitions, GIT, and RESTful APIs for validation, configuration, and deployment, workflow scheduling artifacts are seamlessly integrated with the enterprise's automated application release and deployment process.

BUSINESS CHALLENGE

Rapid development efforts often stall at the testing, debugging, and deployment stages. **Problems occur because of the inability to manage batch workflows in the same manner as other components of the application package, such as the source code and environment configuration objects.** This causes inconsistencies between the production environment and the environments where applications are created and tested. Managing these inconsistencies has historically been a time consuming, manual, and error-prone process.

BMC SOLUTION

Control-M delivers the next wave of IT automation—**Digital Business Automation**—moving beyond traditional workload automation and adapting to modern IT technologies and processes. Control-M Automation API creates consistency among the development, test, and production environments by giving developers the ability to embed workflow automation while applications are being developed. This results in applications running more reliably and errors being diagnosed more quickly. Control-M Automation API **lets developers automate workflows within applications using their preferred environments and tools.**



KEY FEATURES

Control-M Automation API builds automation and consistency into the development process so new business services go from concept to production faster.

- Included APIs and CLIs expose a rich set of functions that **automates workflows across the entire application lifecycle**
- **Provides visibility** into how workflows will run in production during the testing process
- **Uses JSON, Jenkins, GIT,** and other familiar tools

KEY BENEFITS

- **Aligns development and operations** – The people that create applications and those responsible for running them can work from a consistent, familiar platform that addresses the entire lifecycle
- **Eliminates disconnects** – Now applications and the workflows they depend on to execute can be developed together to eliminate inconsistencies and save steps in the deployment process

Supports continuous delivery with embedded job workflow automation.

PRODUCT DETAILS

APIs and CLIs (Command Line Interfaces) for the entire lifecycle: Control-M Automation API provides APIs and CLIs to automate how workflows are coded, built, tested, run, packaged, deployed, provisioned, configured, and managed. By building more functionality and management features into applications when they are created, organizations save time during the testing, promotion, and production phases.

The functions that Control-M Automation API support include:

- Syntax validation
- Configuration management
- Agent provisioning
- Workbench
- Code deployment

Jobs-as-Code: No scripting is required to build, test, and debug sophisticated application automation using an enterprise-grade production solution. The automation for running, scheduling, and managing batch applications is embedded into the entire software development lifecycle as Control-M Automation API supports all existing tools in the delivery pipeline. For example, jobs are defined in JSON, stored in GIT, and then built and tested together with the whole application with Jenkins.

Services at your service: Control-M Automation API includes packaged services that automate functions essential for creating, testing, promoting, and running business services and the workflows they depend on.

The REST APIs let you:

- Build jobs and test whether they are valid Control-M jobs: job samples are provided to get you started
- Define and select the Control-M environments
- Run and track Control-M jobs
- Package job and configuration objects
- Deploy job definitions to Control-M
- Provision Control-M agents
- Manage Control-M configurations

Enterprise support: Control-M Automation API enables developers to access the broad application integration provided by Control-M for managing Apache® Hadoop®, File Transfer, and Database jobs.

Extend the power and value of Control-M: Control-M provides a single point of control to manage workload processes. Control-M Automation API exposes those automation capabilities to developers, which provides benefits to both development and operations teams.



FOR MORE INFORMATION

To learn more about Control-M Automation API, please visit bmc.com/jobsascode

BMC is a global leader in innovative software solutions that enable businesses to transform into digital enterprises for the ultimate competitive advantage. Our Digital Enterprise Management solutions are designed to fast track digital business from mainframe to mobile to cloud and beyond.

BMC – Bring IT to Life

BMC digital IT transforms 82 percent of the Fortune 500.



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