

Effectively Manage Your Workflows in Hadoop

Know the facts and make the right choice with Control-M

Control-M vs. Oozie and Hadoop Open Source Tools

Feature	Control-M for Hadoop	Oozie/Hadoop Open Source Tools
Dependency management	✓	✗
Dependency views among workloads	✓	✗
Enhanced calendar functionality	✓	✗
Time zone conversion	✓	✗
Job pausing	✓	✗
Priority level tagging for jobs	✓	✗
Path creation based on job tagging	✓	✗
View Hadoop/non-Hadoop jobs from one interface	✓	✗
Automatically promote workflows between environments	✓	✗
Native support for FTP and SFTP	✓	✗
Data encryption	✓	✗
Automatically restart failed job transfers	✓	✗
Interfaces to ticketing systems	✓	✗
Report job status to mobile devices	✓	✗
Change workload schedules because of holidays and exceptions	✓	△
Conditional scheduling and execution (e.g., if/then)	✓	△
File watchers that monitor for a file event, such as file creation or deletion	✓	△
Scheduling jobs to run at specific times of day	✓	✓
Scheduling jobs to run at regular intervals	✓	✓

△ Limited functionality or scripting required

Impetus Technologies, a big data software products and services company with extensive experience in developing and implementing Hadoop solutions for Fortune 1000 companies, was commissioned to develop and deploy a user monitoring mobile application using each tool.



Business Value Highlights



Development of workflows with Control-M is 40% faster than Oozie



Control-M workflows are more secure because they don't expose login credentials



Control-M manages Hadoop and non-Hadoop workflows from a single interface

Why Control-M for Hadoop?

Hadoop has become the preferred platform for enterprise big data programs, but many enterprises are still wrestling with fundamental decisions about how they should implement it. One of the biggest questions is whether to use Hadoop open source tools or established enterprise resources for developing and managing Hadoop services.

Per independent analysis by Impetus, Control-M for Hadoop proved to be 40 percent faster for developing and deploying a Hadoop workflow. Control-M also has more features to ensure workflows execute without disrupting business activity, such as automatic recovery of failed file transfers, notification and alert capabilities, built-in security, and integration with ticketing systems.

Customer Feedback

“ At Navistar, we are collecting data from over 250,000 vehicles in the field today, 20-plus-million records daily. Every day, we capture about 100 data points from each vehicle. Control-M orchestrates this enormously complex movement and processing of huge amounts of data. We have a lot fewer sleepless nights knowing Control-M is there.”

— Todd C. Klessner, senior data operations specialist, Navistar



Read the full report from Impetus comparing Control-M for Hadoop with Oozie and open source tools [here](#).



Learn more about Control-M for Big Data [here](#).



See Control-M in action [here](#).

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