

# Jenkins Plugin



# Jenkins

## The Challenge / Key Points

- Adds post build step for creating multiple release packages in Automatic Release Automation
- Adds input validation to avoid runtime error
- Enables workflow execution from Jenkins
- Adds post build step for application deployment execution

## About Jenkins

Jenkins is the world's most popular continuous integration server. Jenkins helps to automate the non-human part of the whole software development process, with now common things like continuous integration and continuous testing and deployment.

It supports SCM tools including AccuRev, CVS, Subversion, Git, Mercurial, Perforce, Clearcase and RTC, and can execute Apache Ant, Apache Maven and sbt based projects as well as arbitrary shell scripts and Windows batch commands. Jenkins was originally Released under the MIT License. Jenkins is free software. In Jenkins Builds can be triggered by various means, for example by commit in a version control system, by scheduling via a cron-like mechanism and by requesting a specific build URL. It can also be triggered after the other builds in the queue have completed.

Jenkins functionality can be extended with plugins, which chain together “post build” actions, in this mannered development and test pipelines can be assembled using Jenkins to go beyond build, usually for unit and other testing steps.

## About the Plugin

Automatic Release Automation automates deployments and orchestrates the entire Devops toolchain with specific emphasize on production deployments and requirements for dependency checking, release coordination, scale and auditability. This Plugin connects a Jenkins pipeline to the overall enterprise Release Automation pipeline managed by Automatic. The plugin adds Jenkins post build options in Jenkins which create versioned Release Automation packages within Automatic. Packages can be assembled from multiple sources and build processes. Once a package is created within Automatic it is fully governed by the platform. Packages move according to state-flow rules defined in Automatic and are always traceable back to the build/s they originated from. The Jenkins plugin is augmented by the Jenkins Action pack which enables Automatic Release Automation to trigger builds in Jenkins. The combination enables users to build closed loop pipelines from Development to Production across multiple applications and build and connect Jenkins pipelines with the enterprise environment and production release cycles.

The Jenkins plugin can be downloaded from the Automatic Market place here: <https://marketplace.automic.com/details/jenkins-plugin>

The Action Pack is found here: <https://marketplace.automic.com/details/jenkins-action-pack>

### About Automic Release Automation

Automic has the most flexible yet scalable Release Automation product on the market and is environment agnostic, making Automic uniquely positioned for help to transform any enterprise for the digital age.

### About Automic

Automic is the world's largest pure-play automation company, with specific expertise in Continuous Delivery and DevOps. We're proud to have over 2600 customers, worldwide and achieving recognition by top industry analyst firms Gartner and Forrester and also our long-standing heritage makes Automic the ideal partner for transformative initiatives such as DevOps or digital transformation.

For more information or product demonstration please visit [www.automic.com](http://www.automic.com)