

# Jenkins CheatSheet

## TOOLS

- PDF Link: [cheatsheet-jenkins-A4.pdf](#), Category: tools
- Blog URL: <https://cheatsheet.dennyzhang.com/cheatsheet-jenkins-A4>
- Related posts: Groovy CheatSheet, [#denny-cheatsheets](#)

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## 1.1 Jenkins Summary

Name	Command
Test groovy code from Jenkins GUI Jenkins Slave Node	Manage Jenkins -> Script Console

## 1.2 Jenkins Plugins

Name	Command
Backup jenkins	ThinBackup Plugin
Load the ssh key	Credentials Plugin
Add timestamp to job output	Timestamping Plugin
Create dashboard	Dashboard View Plugin
Abort if job takes too long	Build-timeout Plugin
Retry failed a job	Naginator Plugin
Backup job configuration	JobConfigHistory Plugin

## 1.3 Jenkins Pipeline

Name	Command
Pass parameter across jenkins jobs	See <code>jenkinsfile-pass-parameter</code>
Set timeout & retry	See <code>jenkinsfile-timeout-retry</code>
Use finally to do cleanup	See <code>jenkinsfile-finally</code>
Run jenkins jobs in a sequential way	See <code>jenkinsfile-sequentially</code>
Run jenkins jobs in parallel	See <code>jenkinsfile-parallelly</code>

## 1.4 Jenkins Groovy

Name	Command
Print message to stdout	See <code>print.groovy</code>
Get environment variables	See <code>get-env.groovy</code>
Convert string to list	See <code>split-string.groovy</code>
Create string with multi-lines	See <code>multi-line-string.groovy</code>
Loop a map	See <code>loop-map.groovy</code>
Get hostname by ip	See <code>get-ip-by-hostname.groovy</code>
Convert list to string	<code>1.join(";")</code> , link: groovy list

## 1.5 More Resources

<http://groovy-lang.org/>

<https://jenkins.io/doc/pipeline/examples/>

<https://wiki.jenkins-ci.org/display/JENKINS/Pipeline+Plugin>

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