



Jenkins

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What is Jenkins?

Jenkins is self contained, open source automation server which can be used to automate all sorts of tasks such as building, testing and deploying software.

Jenkins can be installed through native system packages, Docker, or even run standalone by any machine with the Java Runtime Environment installed.



Software Prerequisite

We need to have following softwares installed before getting started with Jenkins 2.0

1. JAVA
2. Jenkins war file

Supporting file

1. Maven
2. Nunit
3. Nuget
4. Git



Environment Variables

JAVA_HOME C:\Program Files\Java\jdk1.8.0_211

%JAVA_HOME%\bin

M2_HOME D:\Tools\apache-maven-3.6.1

%M2_HOME%\bin



Download

<https://jenkins.io/download/> → Generic Java Package (war)

cmd -> Run as Administrator

go to jenkins.war folder

java -jar jenkins.war

To open jenkins

<http://localhost:8080>