

07] demonstrate creating a job using Jenkins. 25/11/20

→ Jenkins is a free & open source automation server especially used for continuous integration & continuous delivery. → automate delivery of application to staging / production environment

Jenkins has many features, cross (platform independent) 1000+ integration tools.

to Install Jenkins

- prerequisites → JDK latest version..
- prebuilt open JDK library (latest) from Adoptium.net, → windows, JDK 21.0.7 open JDK

- Jenkins download for windows select jenkins.io → download → windows → .msi file

- JDK → install on local hardware (option) while setup

C:/program files/eclipse adoptium/bin → copy path
set up environment variable → path → edit new → paste path OK.

cmd → java --version // check

- local sec policy → local policies → user right → log on a service
Add user / group → administrator setup.
Apply OK.

- jenkins → install → run services as local system →
(test port → 5000/8080)
antifeat. → installed on local hardware (opt next, install).
→ in (start service)

- windows → services jenkins → start

verify C:\prog. jenkins → .out → running.

chrome → localhost → input.

jenkins-administrator → copy password shown.

- plugins tools customise - in C:\prog\jenkins\secrets or jenkins.config.log

create jenkins admin user

screenshot

Enter in to Jenkins.

→ New item → freestyle project → OK

Build steps → execute windows batch command

> echo "project" %date% %time%

o/p screenshot

✓ console o/p → screenshot.

2/20/19

(JENKINS - JS - COWIN)

(SDK req.)

★ ★ ★

In Laptop

In Jenkins after installation,

localhost: 8080 (or 5000) →

the path for secret key given → search,

paste

C:/program data/jenkins/jenkins/secret/initial
admin password

once logged in, can't do these steps. ∴ asks for direct login

uninstall jenkins & install again, same steps,
repeat.