

# Jenkins

Download jenkins from -

Jenkins download page :-

<https://www.jenkins.io/download/>

Download the recommended plugins

## Customize Jenkins

Plugins extend Jenkins with additional features to support many different needs.

**Install suggested plugins**

Install plugins the Jenkins community finds most useful.

**Select plugins to install**

Select and install plugins most suitable for your needs.

Jenkins 2.129-SNAPSHOT

## Getting Started

✓ Credentials Binding Plugin	✓ Timestamp	✓ Ant Plugin	✗ Pipeline
✗ GitHub Organization Folder Plugin	✓ Git plugin	✓ Subversion Plug-in	✓ SSH Slaves plugin
✓ LDAP Plugin	✓ Email Extension Plugin	✓ Mailer Plugin	✓ SSH plugin

\*\* GitHub API Plugin  
Jenkins Git plugin  
\*\* Token Macro Plugin  
\*\* GitHub plugin  
\*\* GitHub Branch Source Plugin  
GitHub Organization Folder Plugin  
Jenkins Git plugin  
\*\* MapOS API Plugin  
Jenkins Subversion Plug-in  
Jenkins SSH Slaves plugin  
LDAP Plugin  
Email Extension Plugin  
Jenkins Mailer Plugin  
\*\* Javadoc Plugin  
\*\* PAM Authentication plugin  
\*\* External Monitor Job Type Plugin  
Jenkins SSH plugin  
\*\* - required dependency

In the dashboard click add new item

You can chose one of 2 ::

- Freestyle project
- Pipeline

## Adding a git repo to job :

Inside the job check the Git option

### Source Code Management

☒ None

☐ Git ?

Insert the repo link  
And set the branch

Repositories ?

Repository URL ?

1

 Please enter Git repository.

Credentials ?

- none -

+ Add

Advanced...

Add Repository

Branches to build ?

Branch Specifier (blank for 'any') ?

\*/master

And when we start building the job  
Jenkins automatically clone the repo from git

## Adding mailer to a job :

Install the mailer plugin from plugin manager.

From jenkins dashboard enter manage jenkins / configure system / Email notification

### E-mail Notification

SMTP server

smtp.gmail.com

Default user e-mail suffix ?

@gmail.com

☒ Use SMTP Authentication ?

User Name

hothaifazoubi@gmail.com

Password



Concealed

☒ Use SSL ?

☐ Use TLS

SMTP Port ?

465

Fill the password textbox with the app token that you will receive from gmail security site

In the job select mail notification in the post-build job and enter the To: mail

periodical jobs :

Inside the job page check

## Build Triggers

☐ Build after other projects are built ?

☒ Build periodically ?

Schedule ?

H 6 \* \* \*

Would last have run at Saturday, 29 October 2022 at 6:34:57 Israel Daylight Time.

☐ GitHub hook trigger for GITScm polling ?

☐ Poll SCM ?

Cron formate site :

<https://crontab.guru/>