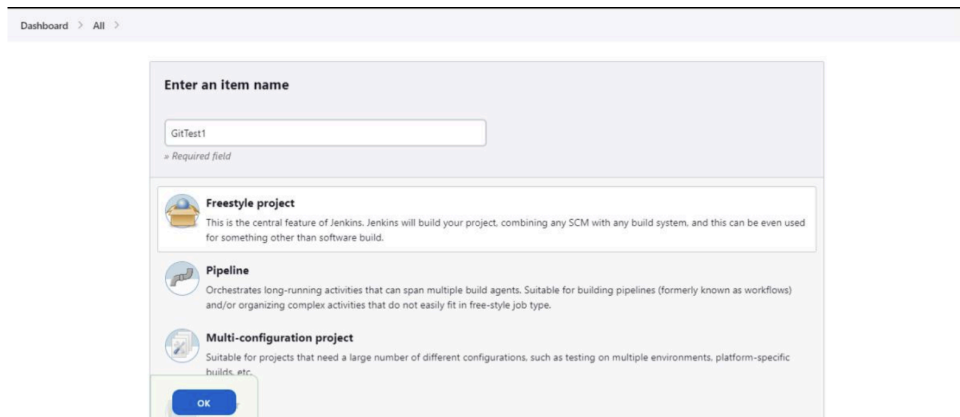


Jenkins GitHub Repository Cloning.

1. Create a new item with option FreeStyle project.

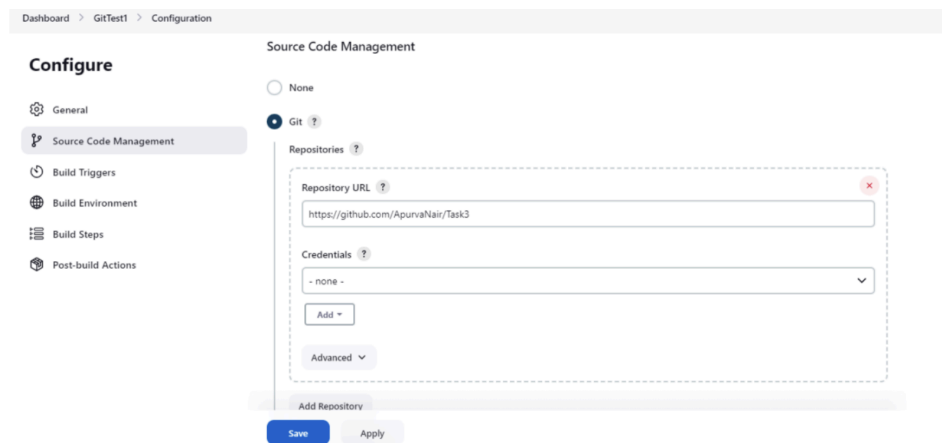


The screenshot shows the Jenkins 'Create new item' dialog box. At the top, there is a breadcrumb trail: 'Dashboard > All >'. Below this, a section titled 'Enter an item name' contains a text input field with 'GitTest1' and a red asterisk indicating it is a required field. Below the input field, there are three project type options, each with an icon and a description:

- Freestyle project**: This is the central feature of Jenkins. Jenkins will build your project, combining any SCM with any build system, and this can be even used for something other than software build.
- Pipeline**: Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.
- Multi-configuration project**: Suitable for projects that need a large number of different configurations, such as testing on multiple environments, platform-specific builds, etc.

At the bottom of the dialog is a blue 'OK' button.

2. Add description about the current job and get the URL from Github.
3. In Source Management choose the option "Git".
4. Paste the URL Path in Repository URL (from Github).



The screenshot shows the Jenkins 'Configure' page for a job named 'GitTest1'. The breadcrumb trail is 'Dashboard > GitTest1 > Configuration'. On the left, there is a 'Configure' sidebar with a list of tabs: 'General', 'Source Code Management', 'Build Triggers', 'Build Environment', 'Build Steps', and 'Post-build Actions'. The 'Source Code Management' tab is selected. The main content area is titled 'Source Code Management' and has two radio buttons: 'None' and 'Git'. The 'Git' option is selected. Below the radio buttons, there is a 'Repositories' section with a dashed border. It contains a 'Repository URL' text input field with the value 'https://github.com/ApurvaNair/Task3', a 'Credentials' dropdown menu with '- none -' selected, an 'Add +' button, and an 'Advanced' dropdown menu. At the bottom of the 'Repositories' section is an 'Add Repository' button. Below the 'Repositories' section are two buttons: 'Save' and 'Apply'.

5. Branch specifier will already have "master" delete that (we are cloning the whole repository, rather than one single branch).

Dashboard > GitTest1 > Configuration

Configure

- General
- Source Code Management**
- Build Triggers
- Build Environment
- Build Steps
- Post-build Actions

Branches to build ?

Branch Specifier (blank for 'any') ?

Add Branch

Repository browser ?

githubweb

URL ?

https://github.com/

Additional Behaviours

Add

Save Apply

- In Build Trigger , Choose build periodically option and enter “* * * * *” (If we don't want to build the job manually).

Dashboard > MCA2025 > Configuration

Configure

- General
- Source Code Management
- Build Triggers**
- Build Environment
- Build Steps
- Post-build Actions

Build Triggers

☐ Trigger builds remotely (e.g. from scripts) ?

☐ Build after other projects are built ?

☒ Build periodically ?

Schedule ?

* * * * *

⚠ Do you really mean "every minute" when you say "* * * * *"? Perhaps you meant "H * * * * *" to poll once per hour
Would last have run at Saturday, 4 November, 2023 at 7:49:24 pm India Standard Time; would next run at Saturday, 4 November, 2023 at 7:49:24 pm India Standard Time.

☐ GitHub hook trigger for GITScm polling ?

☐ Poll SCM ?

Save Apply

- Click on Save.
- Click on Build.

- Go to Dashboard and you can see the job is successfully built.

Dashboard > GitTest1 >

Status

</> Changes

Workspace

Build Now

Configure

Delete Project

GitHub

Rename

Project GitTest1

This is GitHub Cloning repository

Edit description

Disable Project

Permalinks

Build History trend

Filter builds...

4 Nov 2023 23:25

Dashboard > GitTest1 >

Status

</> Changes

Workspace

Build Now

Configure

Delete Project

GitHub

Rename

Project GitTest1

This is GitHub Cloning repository

Edit description

Disable Project

Permalinks

Build History trend

Filter builds...

4 Nov 2023 23:25

10. The files will also be saved in your system to view that go to File explorer.

