



Jenkins Jobs

Topic in Jobs

1. How to create a basic job in Jenkin
2. How to Run Basic Job Configuration
3. How to run Job Remotely
4. How to chain Job execution
5. CICD - (Continuous Integration Continuous Delivery)

New Item

People

Build History

Manage Jenkins

My Views

Lockable Resources

Credentials

New View

click on "new
item" to create a
new job

All +						
S	W	Name ↓	Last Success	Last Failure	Last Duration	
		DevProject1	N/A	N/A	N/A	
		testproject	N/A	N/A	N/A	

Icon: [S](#) [M](#) [L](#)

[Legend](#) [RSS for all](#) [RSS for failures](#) [RSS for just latest builds](#)

Build Queue

No builds in the queue.

[Build Executor Status](#)

1 Idle

2 Idle

if any jobs are in queue, those will
be appear at here

Here you can see all the list of job available for you. if admin all
jobs is visible. if other roles, based on roles jobs will be visible

Enter an item name

trainingbuild

* Required field

Name of the job related to project



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.

Type of the project



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.



Folder

Creates a container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a separate namespace, so you can have multiple things of the same name as long as they are in different folders.



GitHub Organization

Scans a GitHub organization (or user account) for all repositories matching some defined markers.



Multibranch Pipeline

Creates a set of Pipeline projects according to detected branches in one SCM repository.

OK



search

admin | log out

Jenkins > trainingbuild >

configuration of JOB, how to run, what to use etc

General : Description of Job / Project

Source Code Management : this is related to repository.

Build Triggers : how to start build and how many ways

Build : for building, which tool need to use

POST-Build Actions : actions to be performed after this build

General

Source Code Management

Build Triggers

Build Environment

Build

Post-build Actions

Definition

[Plain text] [Preview](#)

☐ Discard old builds

☐ GitHub project

☐ This build requires lockable resources

☐ This project is parameterized

☐ Throttle builds

☐ Disable this project

☐ Execute concurrent builds if necessary

Advanced...

Source Code Management

☒ None

Save

Apply

Build Triggers

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

Periodically building, press on ? for more info



☐ Build after other projects are built



☒ Build periodically



Schedule

0 * * * *



⚠ Spread load evenly by using 'H * * * *' rather than '0 * * * *'

Would last have run at Tuesday, February 5, 2019 4:00:48 PM UTC; would next run at Tuesday, February 5, 2019 5:00:48 PM UTC.

☐ GitHub hook trigger for GITScm polling



☐ Poll SCM



Build Environment

☐ Delete workspace before build starts

☐ Use secret text(s) or file(s)



☐ Abort the build if it's stuck

☐ Add timestamps to the Console Output

☐ With Ant



Save

Apply

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

☐ With Ant

Build

Add build step ▾

- Execute Windows batch command
- Execute shell**
- Invoke Ant
- Invoke Gradle script
- Invoke top-level Maven targets
- Run with timeout
- Set build status to "pending" on GitHub commit

recipient addresses. May reference build parameters like \$PARAM. E-mail will be sent when a build fails, becomes unstable or returns to stable.



- ☒ Send e-mail for every unstable build
- ☐ Send separate e-mails to individuals who broke the build

Add post-build action ▾

Save

Apply

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

- ☐ Delete workspace before build starts
- ☐ Use secret text(s) or file(s) 
- ☐ Abort the build if it's stuck
- ☐ Add timestamps to the Console Output
- ☐ With Ant 

Build

Execute shell

Command `date`

See [the list of available environment variables](#)

Advanced...

Add build step ▾

Post-build Actions


E-mail Notification

Save

Apply


Whitespace-separated list of recipient addresses. May reference build parameters like \$PARAM. E-mail will be sent when a build

-  New Item
-  People
-  Build History
-  Manage Jenkins
-  My Views
-  Lockable Resources
-  Credentials
-  New View

All +						
S	W	Name ↓	Last Success	Last Failure	Last Duration	
		DevProject1	N/A	N/A	N/A	
		testproject	N/A	N/A	N/A	
		trainingbuild	N/A	N/A	N/A	

Icon: [S](#) [M](#) [L](#)

[Legend](#)  [RSS for all](#)  [RSS for failures](#)  [RSS for just latest builds](#)

Build Queue 

No builds in the queue.

Build Executor Status


1 Idle

2 Idle

if any build are in queue
will appear at here

Created job will appear at here

Click on the job which you want to run

 [Back to Dashboard](#)

 [Status](#)

 [Changes](#)

 [Workspace](#)

 [Build Now](#) **click on build now for building job**

 [Delete Project](#)

 [Configure](#)

 [Rename](#)

Project trainingbuild


Sample Project

 [edit description](#)



[Disable Project](#)

after click on job, will appear this window

 [Workspace](#)

 [Recent Changes](#)

Permalinks

 [Build History](#) [trend](#) 



 [RSS for all](#)  [RSS for failures](#)

📁 Back to Project

🔍 Status

📝 Changes

🖥️ **Console Output**

📄 View as plain text

📝 Edit Build Information

🚫 Delete Build

🏠 Previous Build

Console Output

Started by timer

Building in workspace /root/.jenkins/workspace/trainingbuild


[trainingbuild] \$ /bin/sh -xv /opt/tomcat7/temp/jenkins8018720799144232356.sh

+ date

Tue Feb 5 17:00:00 UTC 2019

Finished: SUCCESS

 [Back to Dashboard](#)

 [Status](#)

 [Changes](#)

 [Workspace](#)

 [Build Now](#)


 [Delete Project](#)

 [Configure](#)

 [Rename](#)

Project trainingbuild Sample Project

 [Workspace](#)

 [Recent Changes](#)

 [edit description](#)

[Disable Project](#)

 **Build History**

[trend](#) ▾

find

 **#1** Feb 5, 2019 4:59 PM

 [RSS for all](#)  [RSS for failures](#)

Permalinks

we will get build history at here

Move your cursor on build history , it will show down arrow. click on console output

 [Back to Dashboard](#)

 [Status](#)

 [Changes](#)

 [Workspace](#)

 [Build Now](#)

 [Delete Project](#)

 [Configure](#)

 [Rename](#)

Project trainingbuild

Sample Project

 [Workspace](#)

 [Recent Changes](#)


 [edit description](#)


[Disable Project](#)

Build History

[trend](#) ⇌

find

 **#2** Feb 5, 2019 5:00 PM

 **#1** Feb 5, 2019 4:59 PM

 [RSS for all](#)  [RSS for failures](#)

Permalinks

- [Last build \(#2\), 55 sec ago](#)
- [Last stable build \(#2\), 55 sec ago](#)
- [Last successful build \(#2\), 55 sec ago](#)
- [Last completed build \(#2\), 55 sec ago](#)

- New Item
- People
- Build History
- Manage Jenkins
- My Views
- Lockable Resources
- Credentials
- New View

[add description](#)

All +						
S	W	Name ↓	Last Success	Last Failure	Last Duration	
		DevProject1	N/A	N/A	N/A	
		testproject	N/A	N/A	N/A	
		trainingbuild	1 min 57 sec - #4	1 min 1 sec - #5	30 ms	

Icon: S M L

[Legend](#) [RSS for all](#) [RSS for failures](#) [RSS for just latest builds](#)

Build Queue

No builds in the queue.

Build Executor Status

- 1 Idle
- 2 Idle

📈 Back to Dashboard

🔍 Status

📝 Changes

📁 Workspace

🔄 Build Now

🚫 Delete Project

⚙️ Configure

📄 Rename

Project trainingbuild

Sample Project

 [edit description](#)

Disable Project

📁 [Workspace](#)

📝 [Recent Changes](#)

🔧 Build History

[trend](#) ▾

find	x
🔴 #5	Feb 5, 2019 5:03 PM
🔵 #4	Feb 5, 2019 5:02 PM
🔵 #3	Feb 5, 2019 5:02 PM
🔵 #2	Feb 5, 2019 5:00 PM
🔵 #1	Feb 5, 2019 4:59 PM

📡 [RSS for all](#) 📡 [RSS for failures](#)

Permalinks

- [Last build \(#5\), 1 min 24 sec ago](#)
- [Last stable build \(#4\), 2 min 20 sec ago](#)
- [Last successful build \(#4\), 2 min 20 sec ago](#)
- [Last failed build \(#5\), 1 min 24 sec ago](#)
- [Last unsuccessful build \(#5\), 1 min 24 sec ago](#)
- [Last completed build \(#5\), 1 min 24 sec ago](#)

Runing Job Remotely

← → ↻ ⚠ Not secure | 3.83.106.28:8080/jenkins/job/trainingbuild/configure

Jenkins > trainingbuild >

GeneralSource Code ManagementBuild TriggersBuild EnvironmentBuildPost-build Actions

Build Triggers

☒ Trigger builds remotely (e.g., from scripts) ⓘ

Authentication Token

Use the following URL to trigger build remotely: `JENKINS_URL/job/trainingbuild/build?token=TOKEN_NAME` or `/buildWithParameters?token=TOKEN_NAME`
Optionally append `&cause=Cause+Text` to provide text that will be included in the recorded build cause.

☐ Build after other projects are built ⓘ

☐ Build periodically ⓘ

☐ GitHub hook trigger for GITScm polling ⓘ

☐ Poll SCM ⓘ

Build Environment

☐ Delete workspace before build starts ⓘ

☐ Use secret text(s) or file(s) ⓘ

☐ Abort the build if it's stuck ⓘ

☐ Add timestamps to the Console Output ⓘ

☐ With Ant ⓘ

Build

Save to Apply

Command dat

ⓧ ⓘ

-  New Item
-  People
-  Build History
-  Manage Jenkins
-  My Views
-  Lockable Resources
-  Credentials
-  New View

 add_desc

All +						
S	W	Name ↓	Last Success	Last Failure	Last Duration	
		DevProject1	N/A	N/A	N/A	
		testproject	N/A	N/A	N/A	
		trainingbuild	4 min 7 sec - #4	1.4 sec - #6	30 ms	

Icon: [S](#) [M](#) [L](#)

Legend  RSS for all  RSS for failures  RSS for just latest bui

Build Queue (1)

[trainingbuild](#) 

Build Executor Status

- 1 Idle
- 2 Idle