

Day 1:

- install role based authorization plugin

← → ↻ localhost:8083/manage/pluginManager/available

Jenkins Search (CTRL+K) Rania Ashraf log out

Dashboard > Manage Jenkins > Plugin Manager

Updates
Available plugins
Installed plugins
Advanced settings

Plugins

role

Install	Name	Released
<input checked="" type="checkbox"/>	Role-based Authorization Strategy 587.v2872c41fa_e51 <small>Security Authentication and User Management</small> Enables user authorization using a Role-Based strategy. Roles can be defined globally or for particular jobs or nodes selected by regular expressions.	15 days ago
<input type="checkbox"/>	CloudBees AWS Credentials 191.vcb_f183ce58b_9 <small>aws</small> Allows storing Amazon IAM credentials within the Jenkins Credentials API. Store Amazon IAM access keys (AWSAccessKeyId and AWSSecretKey) within the Jenkins Credentials API. Also support IAM Roles and IAM MFA Token.	11 mo ago

Install without restart Download now and install after restart Update information obtained: 15 hr ago Check now

-create new user

← → ↻ localhost:8083/securityRealm/

Jenkins Search (CTRL+K) Rania Ashraf log out

Dashboard > Jenkins' own user database

Users

+ Create User

These users can log into Jenkins. This is a sub set of [this list](#), which also contains auto-created users who really just made some commits on some projects and have no direct Jenkins access.


User ID	Name
rania_714	Rania Ashraf
ranilaa	Rania Ashraf

Access Denied


 raniiaa is missing the Overall/Administer permission

- create free style pipeline and link it to private git repo(inside it create directory and create file with "hello world")

Credentials

T	P	Store	Domain	ID	Name
		System	(global)	ltgithub	ltgithub

Stores scoped to Jenkins

P	Store	Domains
	System	(global)

Icon: S M L

Jenkins

Search (CTRL+K)

Dashboard > test-freestyle >

Workspace of test-freestyle on Built-In Node

test-freestyle / rania / →

file2 Feb 4, 2023, 1:13:00 PM 11 B

[\(all files in zip\)](#)

- Status
- Changes
- Workspace
- Build Now
- Configure
- Delete Project
- Rename

Build History trend

Filter builds...

#6 Feb 4, 2023, 1:12 PM

Atom feed for all Atom feed for failures

```
os@os-Lenovo-ideapad-330-15IKB:~$ sudo docker exec -it cd6592878174 bash
[sudo] password for os:
jenkins@cd6592878174:/$ cd /var/jenkins_home/
jenkins@cd6592878174:~$ cd workspace/
jenkins@cd6592878174:~/workspace$ ls
test-freestyle  test-freestyle@tmp
jenkins@cd6592878174:~/workspace$ cd test-freestyle
jenkins@cd6592878174:~/workspace/test-freestyle$ ls
README.md  file  rania
jenkins@cd6592878174:~/workspace/test-freestyle$
```

```
os@os-Lenovo-ideapad-330-15IKB:~$ sudo docker exec -it cd6592878174 bash
[sudo] password for os:
jenkins@cd6592878174:/$ cd /var/jenkins_home/
jenkins@cd6592878174:~$ cd workspace/
jenkins@cd6592878174:~/workspace$ ls
test-freestyle  test-freestyle@tmp
jenkins@cd6592878174:~/workspace$
```

-create declarative in jenkins GUI pipeline for your own repo to do "ls"

Dashboard >

+ New Item

People

Build History

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

2 Idle

All +

S	W	Name	Last Success	Last Failure	Last Duration
✓	☀	pipeline-declarative	4 min 27 sec #8	N/A	17 sec
✓	☀	test-freestyle	1 day 21 hr #6	N/A	4.2 sec

Icon: S M L

Icon legend Atom feed for all Atom feed for failures Atom feed for

REST API

Dashboard > pipeline-declarative > #8

Status

</> Changes

Console Output

View as plain text

Edit Build Information

Delete build '#8'

Git Build Data

Restart from Stage

Replay

Pipeline Steps

Workspaces

Previous Build

✓ Console Output

Started by user Rania Ashraf
Obtained Jenkinsfile from git <https://github.com/RaniaAshraf/jenkinspipeline.git>
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/jenkins_home/workspace/pipeline-declarative
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Declarative: Checkout SCM)
[Pipeline] checkout
Selected Git installation does not exist. Using Default
The recommended git tool is: NONE
using credential itgithub
Cloning the remote Git repository
Cloning repository <https://github.com/RaniaAshraf/jenkinspipeline.git>
> git init /var/jenkins_home/workspace/pipeline-declarative # timeout=10
Fetching upstream changes from <https://github.com/RaniaAshraf/jenkinspipeline.git>
> git --version # timeout=10
> git --version # 'git version 2.30.2'
using GIT_ASKPASS to set credentials
> git fetch --tags --force --progress -- <https://github.com/RaniaAshraf/jenkinspipeline.git> +refs/heads/*:refs/remotes/origin/* # timeout=10
> git config remote.origin.url <https://github.com/RaniaAshraf/jenkinspipeline.git> # timeout=10
> git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
Avoid second fetch
> git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision da8ed6f1595e514d1d033405abe4e742531377a8 (refs/remotes/origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f da8ed6f1595e514d1d033405abe4e742531377a8 # timeout=10
Commit message: "Update Jenkinsfile"
First time build. Skipping changelog.
[Pipeline] }
[Pipeline] // stage
[Pipeline] withEnv
[Pipeline] {
[Pipeline] stage

- Replay
- Pipeline Steps
- Workspaces
- Previous Build

```
Cloning the remote Git repository
Cloning repository https://github.com/RaniiaAshraf/jenkinspipline.git
> git init /var/jenkins_home/workspace/pipeline-declarative # timeout=10
Fetching upstream changes from https://github.com/RaniiaAshraf/jenkinspipline.git
> git --version # timeout=10
> git --version # 'git version 2.30.2'
using GIT_ASKPASS to set credentials
> git fetch --tags --force --progress -- https://github.com/RaniiaAshraf/jenkinspipline.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git config remote.origin.url https://github.com/RaniiaAshraf/jenkinspipline.git # timeout=10
> git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
Avoid second fetch
> git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision da8ed6f1595e514d1d033405abe4e742531377a8 (refs/remotes/origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f da8ed6f1595e514d1d033405abe4e742531377a8 # timeout=10
Commit message: "Update Jenkinsfile"
First time build. Skipping changelog.
[Pipeline] }
[Pipeline] // stage
[Pipeline] withEnv
[Pipeline] {
[Pipeline] stage
[Pipeline] { (ls)
[Pipeline] sh
+ ls
Jenkinsfile
README.md
file
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

REST API

- create scripted in jenkins GUI pipeline for your own repo to do "ls"

RaniiaAshraf / jenkinspipline Private

Unwatch 1 Fork 0

<> Code Issues Pull requests Actions Projects Security Insights Settings

main jenkinspipline / Jenkinsfile

Go to file

...

RaniiaAshraf Update Jenkinsfile Latest commit e19dcdd 9 minutes ago History

1 contributor

6 lines (6 sloc) 113 Bytes

Raw Blame

```
1 node {
2   stage('ls files') {
3     sh "ls $(pwd())"
4     echo 'ok'
5   }
6 }
```

Give feedback

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Dashboard >

+ New Item

People

Build History

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

2 Idle

All +

S	W	Name	Last Success	Last Failure	Last Duration
✓	☀	pipeline-declarative	52 min #8	N/A	17 sec
✓	☀	script-pipeline	46 sec #4	N/A	5.5 sec
✓	☀	test-freestyle	1 day 22 hr #6	N/A	4.2 sec

Icon: S M L

Icon legend Atom feed for all Atom feed for failures Atom feed for

REST API

Dashboard > script-pipeline > #4

Status

Changes

Console Output

View as plain text

Edit Build Information

Delete build '#4'

Replay

Pipeline Steps

Workspaces

Previous Build

✓ Console Output

Started by user Rania Ashraf
Obtained Jenkinsfile from git <https://github.com/RaniaAshraf/jenkinspipeline.git>
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/jenkins_home/workspace/script-pipeline
[Pipeline] {
[Pipeline] stage
[Pipeline] { (ls files)
[Pipeline] pwd
[Pipeline] sh
+ ls /var/jenkins_home/workspace/script-pipeline
[Pipeline] echo
ok
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS

REST API

-create the same with jenkinsfile in your branches as multibranch pipeline

RaniaAshrafjenkinspiplinePrivate

Unwatch1Fork0

CodeIssuesPull requestsActionsProjectsSecurityInsightsSettings

declarative had recent pushes 2 minutes agoCompare & pull request

main2 branches0 tags

Go to fileAdd fileCode

Switch branches/tags

Find or create a branch...

BranchesTags

maindefault

declarative

View all branches

Update Jenkinsfile38 minutes ago13 commits

Initial commit2 days ago

Create file2 days ago

jenkinspipline

About

No description, website, or topics provided.

Readme0 stars1 watching0 forks

Releases

No releases publishedCreate a new release

Packages

No packages publishedPublish your first package

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https://github.com/RaniaAshraf/jenkinspipline/tree/declarative

Status

Configure

Scan Multibranch Pipeline Now

Scan Multibranch Pipeline Log

View as plain text

Multibranch Pipeline Events

Delete Multibranch Pipeline

People

Build History

Project Relationship

Check File Fingerprint

Rename

Pipeline Syntax

Credentials

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

2 Idle

✓ Scan Multibranch Pipeline Log

```
Started
[Mon Feb 06 12:28:13 UTC 2023] Starting branch indexing...
> git --version # timeout=10
> git --version # 'git version 2.30.2'
using GIT_ASKPASS to set credentials
> git ls-remote --symref -- https://github.com/RaniaAshraf/jenkinspipline.git # timeout=10
> git rev-parse --resolve-git-dir /var/jenkins_home/caches/git-8bd32e50ee5ce5cc8f9b0fd063d227b7/.git # timeout=10
Setting origin to https://github.com/RaniaAshraf/jenkinspipline.git
> git config remote.origin.url https://github.com/RaniaAshraf/jenkinspipline.git # timeout=10
Fetching & pruning origin...
Listing remote references...
> git config --get remote.origin.url # timeout=10
> git --version # timeout=10
> git --version # 'git version 2.30.2'
using GIT_ASKPASS to set credentials
> git ls-remote -h -- https://github.com/RaniaAshraf/jenkinspipline.git # timeout=10
Fetching upstream changes from origin
> git config --get remote.origin.url # timeout=10
using GIT_ASKPASS to set credentials
> git fetch --tags --force --progress --prune -- origin +refs/heads/*:refs/remotes/origin/* # timeout=10
Checking branches...
Checking branch main
'Jenkinsfile' found
Met criteria
Scheduled build for branch: main
Checking branch declarative
'Jenkinsfile' found
Met criteria
Scheduled build for branch: declarative
Processed 2 branches
[Mon Feb 06 12:28:20 UTC 2023] Finished branch indexing. Indexing took 6.7 sec
Finished: SUCCESS
```


Dashboard > multibranch-pipeline >

Status

Configure

Scan Multibranch Pipeline Now

Scan Multibranch Pipeline Log

Multibranch Pipeline Events

Delete Multibranch Pipeline

People

Build History

Project Relationship

Check File Fingerprint

Rename

Pipeline Syntax

Credentials

multibranch-pipeline

Branches (2)

S	W	Name	Last Success	Last Failure	Last Duration
		declarative	1 min 13 sec #1	N/A	23 sec
		main	1 min 14 sec #1	N/A	13 sec

Icon:

S

M

L

Icon legend

Atom feed for all

Atom feed for failures

Atom feed for jus

Disable Multibranch

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

2 Idle

REST API