

Enter an item name

coverage

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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.



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.



OK

Multibranch Pipeline

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

Jenkins > coverage >

General Build Triggers Advanced Project Options Pipeline

Advanced...

Pipeline

Definition

Pipeline script

Script

```
1 pipeline {
2   agent any
3   stages {
4     stage('Build') {
5       steps {
6         sh '''
7           echo This > app.sh
8           echo That >> app.sh
9         '''
10      }
11    }
12    stage('Test') {
13      steps {
14        sh '''
15          grep This app.sh >> ${BUILD_ID}.cov
16        '''
17      }
18    }
19  }
20 }
```

try sample Pipeline... ?

☒ Use Groovy Sandbox ?

[Pipeline Syntax](#)

Save

Apply

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Pipeline

Definition

Pipeline script

Script

```
12 stage('Test') {
13   steps {
14     sh '''
15       grep This app.sh >> ${BUILD_ID}.cov
16       grep That app.sh >> ${BUILD_ID}.cov
17     '''
18   }
19 }
20 stage('Coverage'){
21   steps {
22     sh '''
23       app_lines=`cat app.sh | wc -l`
24       cov_lines=`cat ${BUILD_ID}.cov | wc -l`
25       echo The app has `expr $app_lines - $cov_lines` lines uncovered > ${BUILD_ID}.rpt
26       cat ${BUILD_ID}.rpt
27     '''
28   }
29 }
```

try sample Pipeline... ?

☒ Use Groovy Sandbox ?

[Pipeline Syntax](#)

Save

Apply



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Pipeline

Definition

Pipeline script

Script

```
19      }
20      stage('Coverage'){
21          steps {
22              sh '''
23                  app_lines='cat app.sh | wc -l'
24                  cov_lines='cat ${BUILD_ID}.cov | wc -l'
25                  echo The app has `expr $app_lines - $cov_lines` lines uncovered > ${BUILD_ID}.rpt
26                  cat ${BUILD_ID}.rpt
27              '''
28              archiveArtifacts "${env.BUILD_ID}.rpt"
29          }
30      }
31  }
32 }
33
```

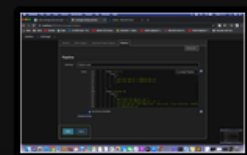
try sample Pipeline...

☒ Use Groovy Sandbox

[Pipeline Syntax](#)

Save


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Stage View

No data available. This Pipeline has not yet run.

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#1

01-Apr-2020 05:42

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Stage View

#1

Apr 01 11:12

No Changes

Average stage times:
(Average full run time: ~7s)

Build	Test	Coverage
691ms	412ms	624ms

Build History

find

#1 01-Apr-2020 05:42

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Stage View

#1

Apr 01 11:12

No Changes

Average stage times:

(Average full run time: ~7s)

Build	Test	Coverage
691ms	412ms	624ms
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Build History

find

#1 01-Apr-2020 05:42

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- [Last stable build \(#1\), 26 sec ago](#)
- [Last successful build \(#1\), 26 sec ago](#)
- [Last completed build \(#1\), 26 sec ago](#)

localhost:8080/job/coverage/lastSuccessfulBuild/artifact/1.rpt/*fingerprint*/

The app has 0 lines uncovered