

## Enter an item name

snippets

» Required field



### 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.



### Multibranch Pipeline

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

OK

General Build Triggers Advanced Project Options Pipeline

- ☐ Poll SCM
- ☐ Disable this project
- ☐ Quiet period
- ☐ Trigger builds remotely (e.g., from scripts)

Advanced Project Options

Advanced...

Pipeline

Definition Pipeline script

Script

```
1 pipeline {
2   agent any
3   stages {
4     stage("Hello") {
5       steps {
6         echo 'Hello World'
7       }
8     }
9   }
10 }
11
12
```

try sample Pipeline...

Save Apply Use Groovy Sandbox

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# Pipeline snippets

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## Stage View

#1

Apr 02

00:58

No Changes

Average stage times:

(Average full run time: ~6s)

Hello

285ms

285ms

Build History

trend


#1

01-Apr-2020 19:28

Atom feed for all

Atom feed for failures

## Permalinks

 **Jenkins**

Stage Logs (Hello) ✕

[Print Message -- Hello World](#) (self time 23ms)

enable auto refresh

admin log out

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## Stage View

#1

Apr 02 00:58

No Changes

Success

Hello

Logs

285ms

## Permalinks

Build History

trend

find


#1 01-Apr-2020 19:28

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[add description](#)

Disable Project

Page generated: 01-Apr-2020 19:27:52 UTC [RES](#)





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Overview

This Snippet  
 Generate Pip  
 or pick up jus

Steps

Sample Ste

libraryResource: Load a resource file from a shared library  
 load: Evaluate a Groovy source file into the Pipeline script  
 lock: Lock shared resource  
 mail: Mail  
 milestone: The milestone step forces all builds to go through in order  
 node: Allocate node  
 parallel: Execute in parallel  
 powershell: PowerShell Script  
 properties: Set job properties  
 pwd: Determine current directory  
 pwsh: PowerShell Core Script  
 readFile: Read file from workspace  
 readTrusted: Read trusted file from SCM  
 resolveScm: Resolves an SCM from an SCM Source and a list of candidate target branch names  
 retry: Retry the body up to N times  
 script: Run arbitrary Pipeline script  
 sh: Shell Script  
 sleep: Sleep  
 stage: Stage  
 stash: Stash some files to be used later in the build  
 step: General Build Step  
**timeout: Enforce time limit**  
 tm: Expand a string containing macros  
 tool: Use a tool from a predefined Tool Installation  
 unstable: Set stage result to unstable  
 unstash: Restore files previously stashed  
 validateDeclarativePipeline: Validate a file containing a Declarative Pipeline  
 waitUntil: Wait for condition  
 warnError: Catch error and set build and stage result to unstable  
 withCredentials: Bind credentials to variables  
 withEnv: Set environment variables  
 wrap: General Build Wrapper  
 writeFile: Write file to workspace  
 ws: Allocate workspace  
 — Advanced/Deprecated —  
 archive: Archive artifacts  
 dockerFingerprintFrom: Record trace of a Docker image used in FROM  
 dockerFingerprintRun: Record trace of a Docker image run in a container  
 envVarsForTool: Fetches the environment variables for a given tool in a list of 'FOO=bar' strings suitable for the withEnv step.  
 getContext: Get contextual object from internal APIs  
 unarchive: Copy archived artifacts into the workspace  
 withContext: Use contextual object from internal APIs within a block  
 withDockerContainer: Run build steps inside a Docker container  
 withDockerRegistry: Sets up Docker registry endpoint  
 withDockerServer: Sets up Docker server endpoint

- 100

Steps

## Samr

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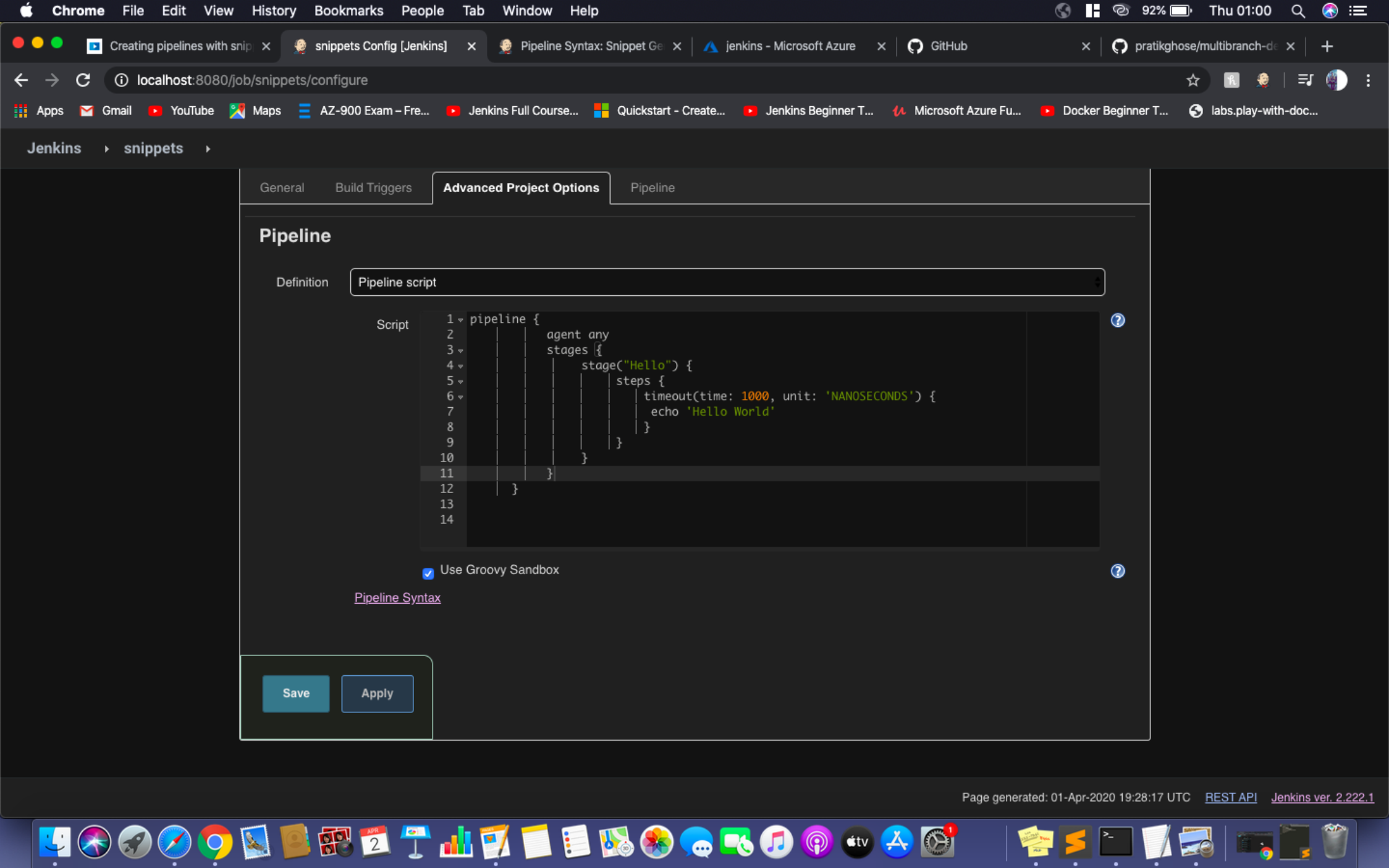
11

Time

1

---


There are many fe



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## Stage View

### Build History

#2	01-Apr-2020 19:30
#1	01-Apr-2020 19:28

[Atom feed for all](#) [Atom feed for failures](#)

Average stage times:  
(Average full run time: ~6s)

#2  
Apr 02  
01:00  
No Changes

#1  
Apr 02  
00:58  
No Changes

Hello

399ms

514ms  
aborted

285ms

### Permalinks

- Last build (#1), 2 min 46 sec ago
- Last stable build (#1), 2 min 46 sec ago



