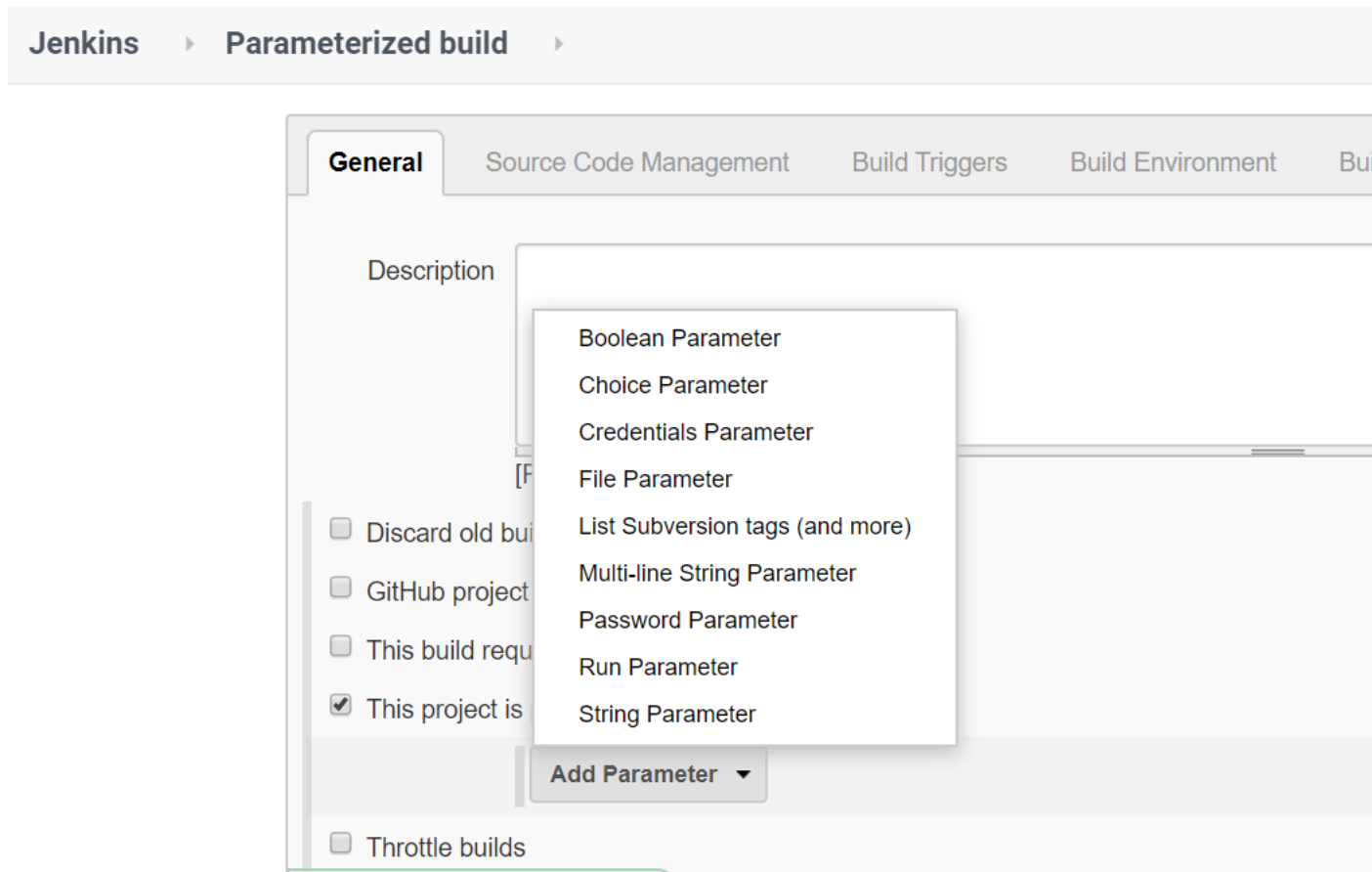


Parameterized Build & Triggers

1. Under Jenkins Dashboard , Click on New_Item and create a new freestyle project and check the box which says “This project is Parameterized”




2. Choose String Parameter and provide the details as below and Click on Apply

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

☐ This build requires lockable resources

☒ This project is parameterized

 **String Parameter**

Name

linux

Default Value

platform

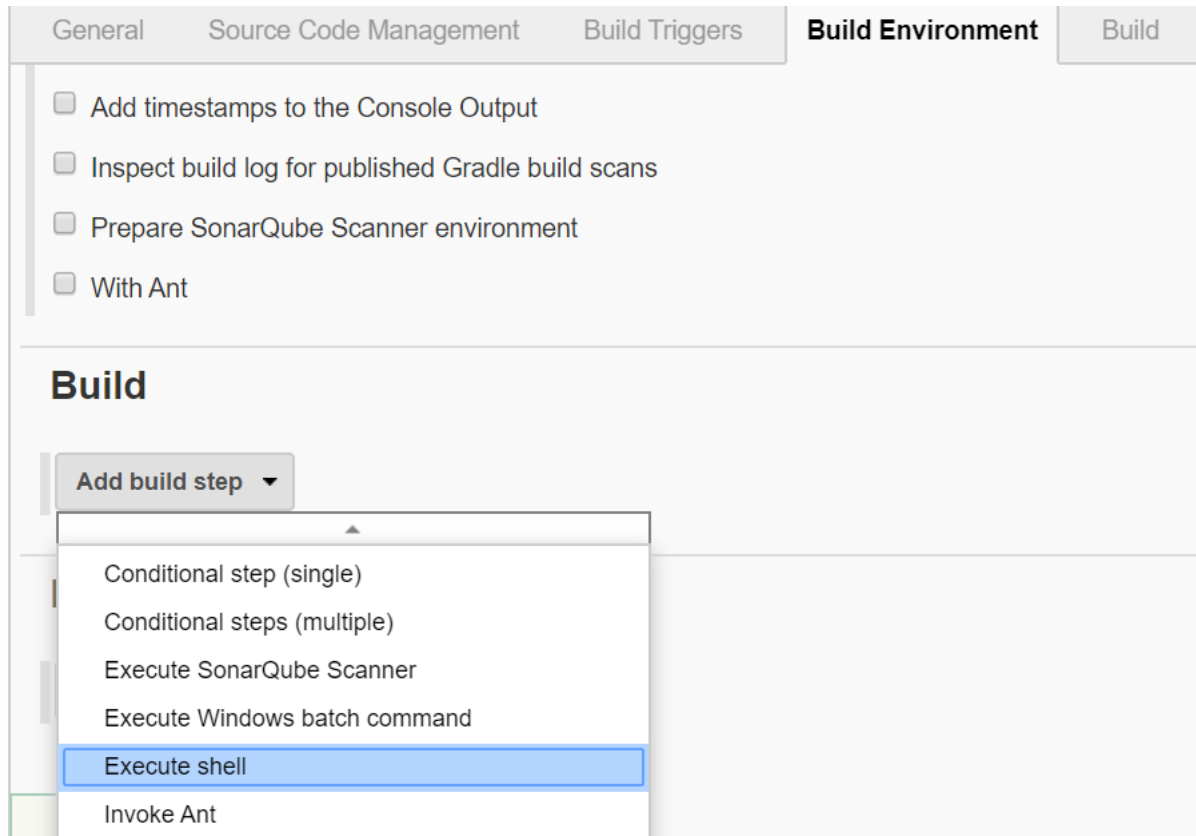
Description

[Plain text] [Preview](#)

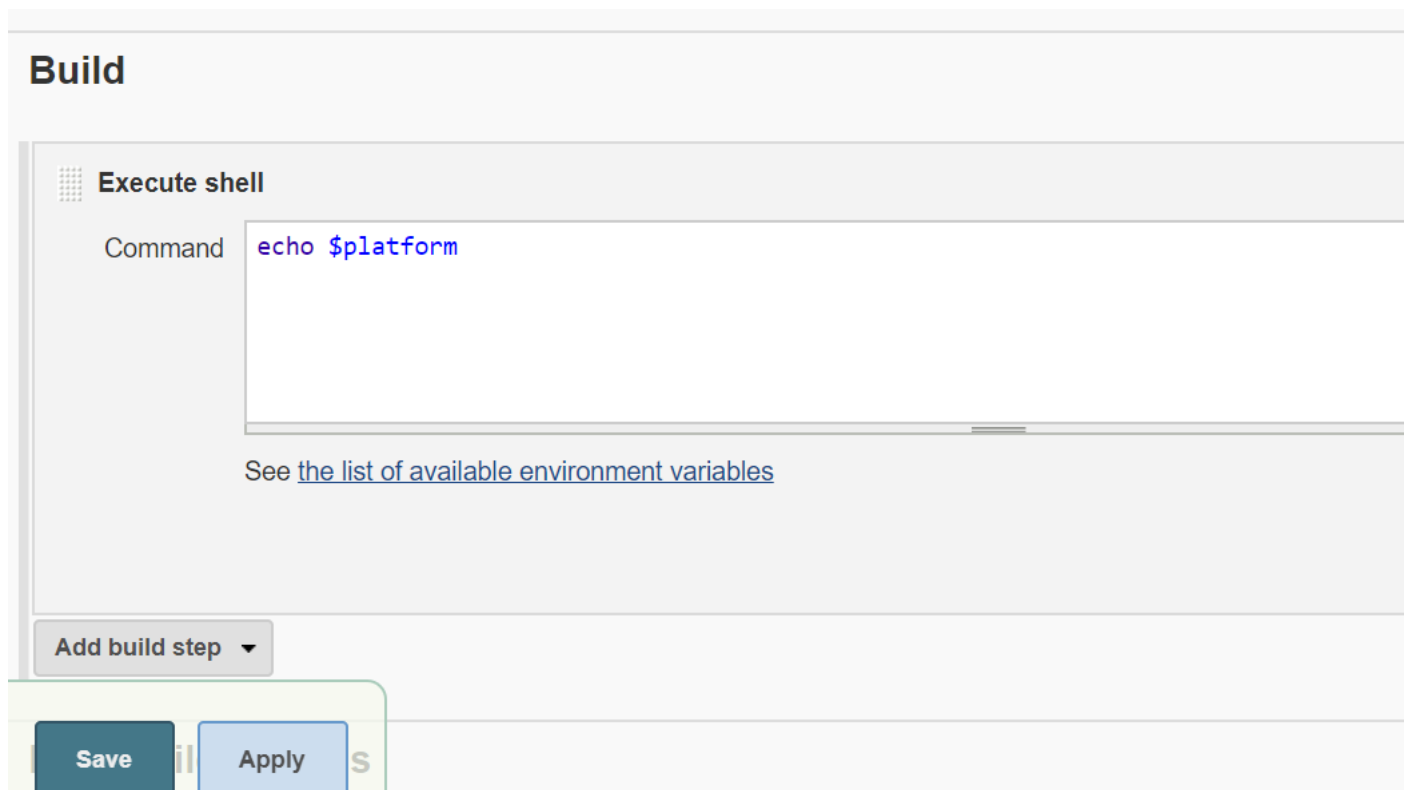
☐ Trim the string

Add Parameter ▼

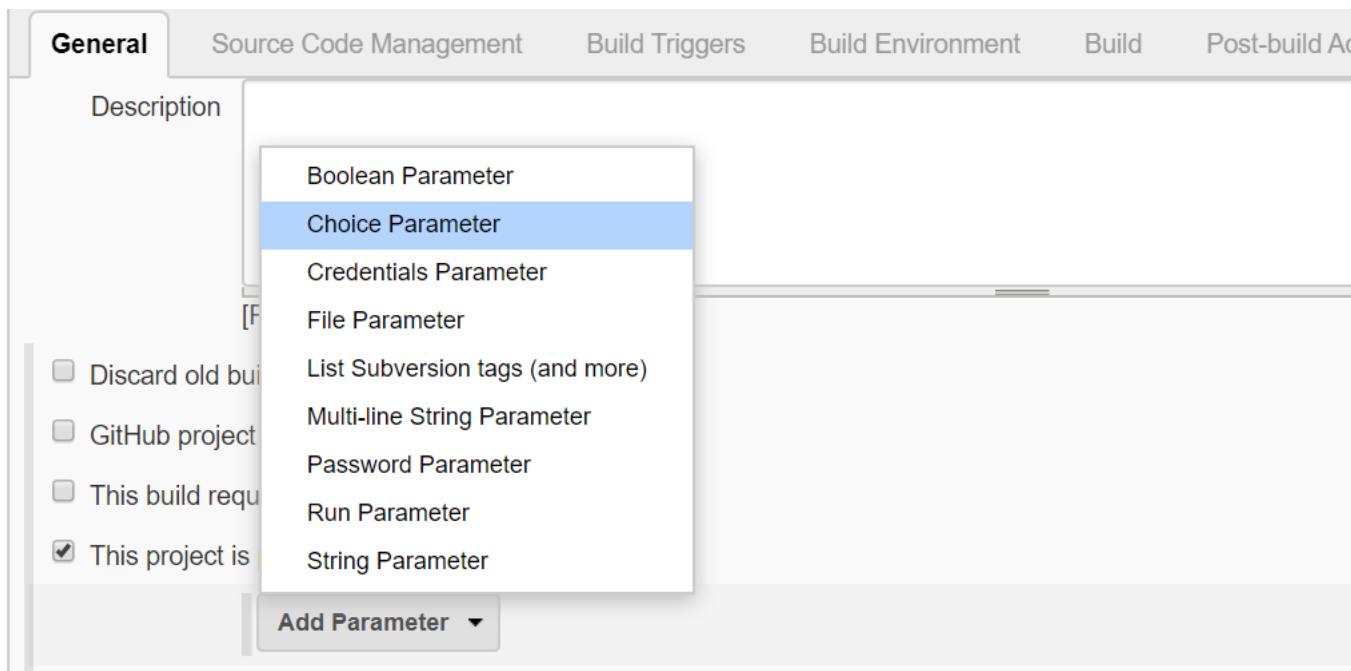
3. Now under Build Environment , choose Add Build Step and click on Execute shell option



4. Enter the command `echo $platform` and Click on Apply.



5. Add any other parameters like "Choice Parameter" and Apply.



- ☐ Discard old builds
- ☐ GitHub project
- ☐ This build requires lockable resources
- ☒ This project is parameterized

Choice Parameter	
Name	options
Choices	Linux Windows Mac Other OS
Description	

Build



Execute shell

Command

```
echo $platform  
echo $options
```

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

Add build step ▼

Post-build Actions

6. Now Under Jenkins Dashboard let us build the project by clicking on “Build with Parameters:

Jenkins ▶ Parameterized build ▶

- Back to Dashboard
- Status
- Changes
- Workspace
- Build with Parameters
- Delete Project
- Configure


Project Parameterized build

This build requires parameters:

options


platform


Build

 [Back to Project](#)

 [Status](#)

 [Changes](#)

 **Console Output**

 [View as plain text](#)

 [Edit Build Information](#)

 [Delete build '#4'](#)

 [Parameters](#)

 [Previous Build](#)

Console Output

Started by user [admin](#)

Running as SYSTEM

Building on master in workspace /var/lib/jenkins

[Parameterized build] \$ /bin/sh -xe /tmp/jenkins

+ echo Linux

Linux

+ echo linux

linux

Finished: SUCCESS

Parameterized Trigger

General

Source Code Management

Build Triggers

Build Environment

Build

Description

[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

Trigger parameterized build on other projects

Build Triggers

Projects to build

Parameterized build

Trigger when build is

Parameterized build

Stable

Trigger build without parameters ☐

Predefined parameters

Parameters Name=Automation

Save

Apply

Add Parameters ▼



[Back to Project](#)



[Status](#)



[Changes](#)



Console Output



[View as plain text](#)



[Edit Build Information](#)



[Delete build '#4'](#)



[Parameters](#)



[Previous Build](#)



Console Output

Started by user [admin](#)

Running as SYSTEM

Building on master in workspace /var/lib/jenkins

[Parameterized build] \$ /bin/sh -xe /tmp/jenkins

+ echo Linux

Linux

+ echo linux

linux

Finished: SUCCESS