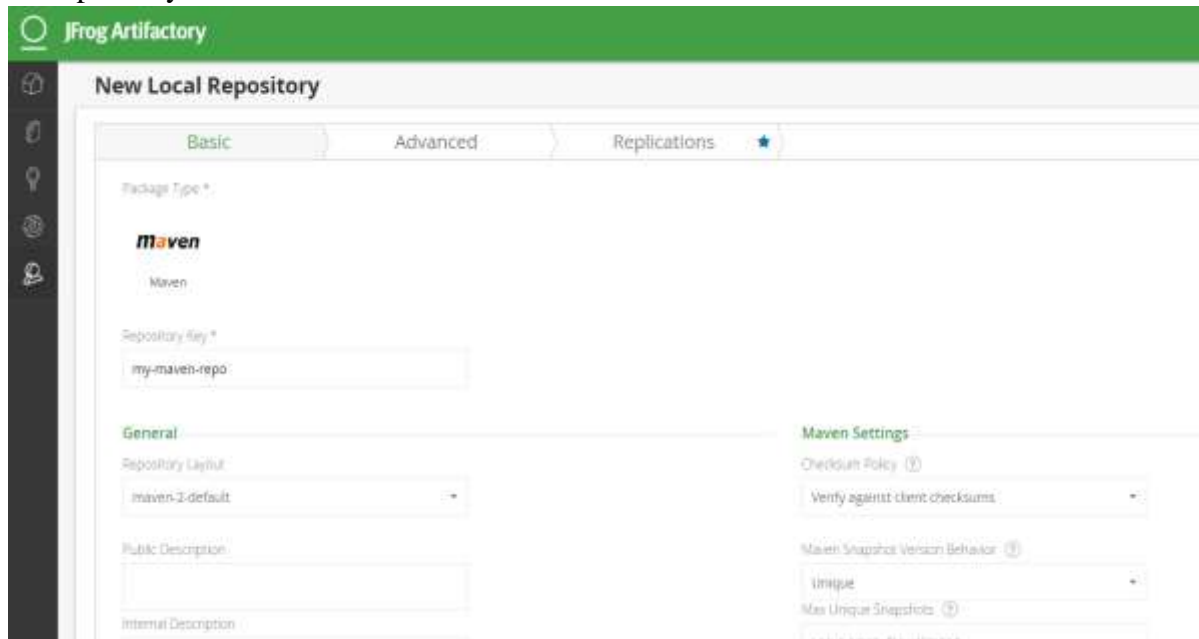


## Configuring Artifactory

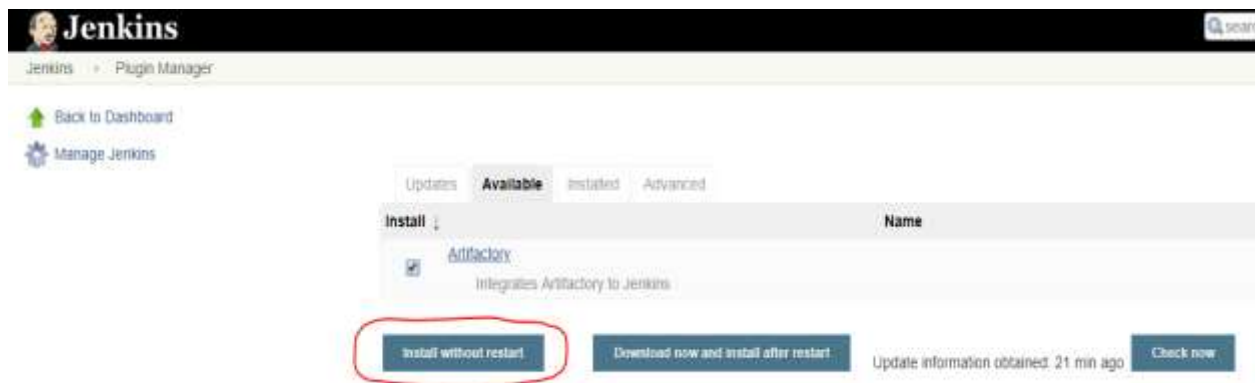
1. Install artifactory (refer <https://www.jfrog.com/confluence/display/RTF/Installing+on+Linux+Solaris+or+Mac+OS#InstallingonLinuxSolarisMacOS-InstallingArtifactory>)
2. Login into artifactory & click on admin & create new local repository, then select maven repository



3. Click on save & finish

## Configuring artifactory in jenkins

- Configuring Jenkins
  - Installing the artifactory plugin in Jenkins



- Configure the artifactory plugin. Go to the Manage Jenkins => configure system and select artifactory& enter configuration

## Manage Jenkins



[Configure System](#)

Configure global settings and paths



[Configure Global Security](#)

Secure Jenkins; define who is allowed to access/use the system.



[Configure Credentials](#)

Configure the credential providers and types



[Global Tool Configuration](#)

**Artifactory**

Enable Push to Bintray

Use the Credentials Plugin

Artifactory servers

**Add Artifactory Server**

List of Artifactory servers that projects will want to deploy artifacts and build info to

Deprecated - Enable Build-Info proxy for Docker images

- Click on Add Artifactory Server. Enter the information such as shown in image below consisting of url, username & password.

Artifactory

Enable Push to Bintray

Use the Credentials Plugin

Artifactory servers

Artifactory

Server ID

URL

Default Deployer Credentials

Username

Password

Use Different Resolver Credentials

Advanced...

Test Connection

Delete

- Click on Test Connection

**Artifactory**

Enable Push to Bintray

Use the Credentials Plugin

Artifactory servers :

Artifactory

Server ID: MYARTIFACTORY

URL: http://34.217.130.167:8081/artifactory

**Default Deployer Credentials**

Username: admin

Password: .....

Found Artifactory 5.9.0

Advanced...

Test Connection

- Click on save Button.

## Creation of Maven Project

1. Create new Item & Select Maven Project

**Enter an item name**

MavenForArtifactory

\* 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.

**Maven project**  
Build a maven project. Jenkins takes advantage of your POM files and drastically reduces the configuration.

2. Configure Source Code Management

### Source Code Management

None  
 Git

Repositories

Repository URL:

Credentials:

Branches to build

Branch Specifier (blank for 'any'):

Repository browser:

Additional Behaviours:

### 3. Select Build and configure Build

General   
  Source Code Management   
  Build Triggers   
  Build Environment   
  Pre Steps   
  Build   
  Post Steps   
  Build Settings

Post-build Actions

Disable this project

### Build

Root POM:

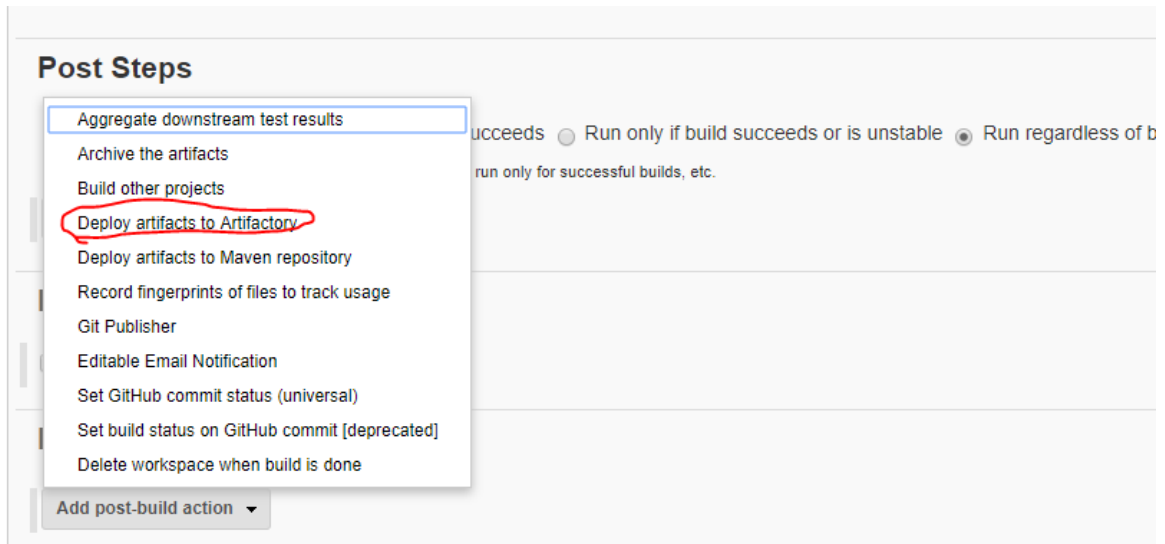
Goals and options:

### 4. Select Post Build Actions and Deploy artifacts to artifactory

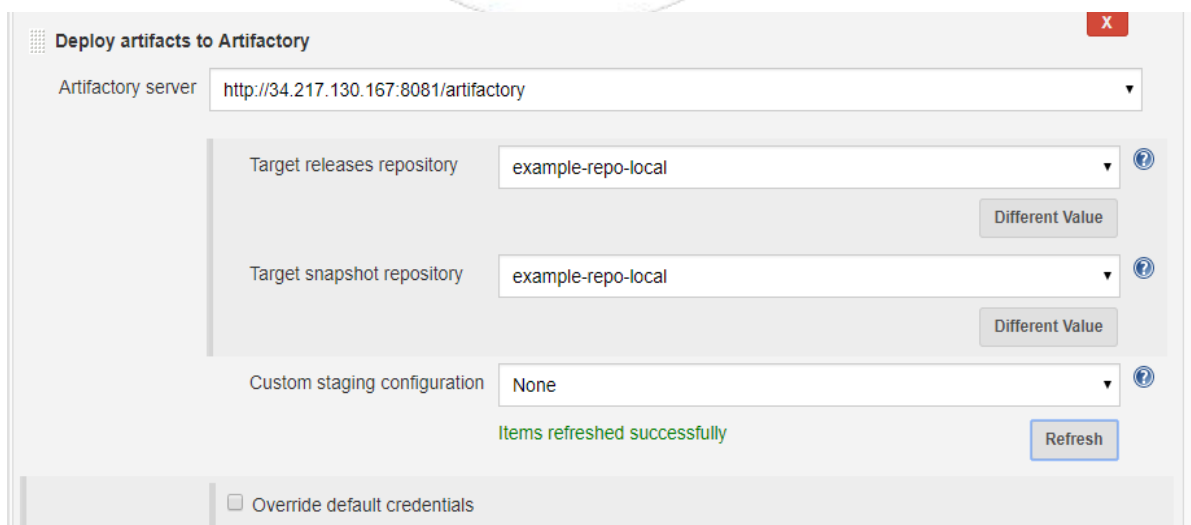
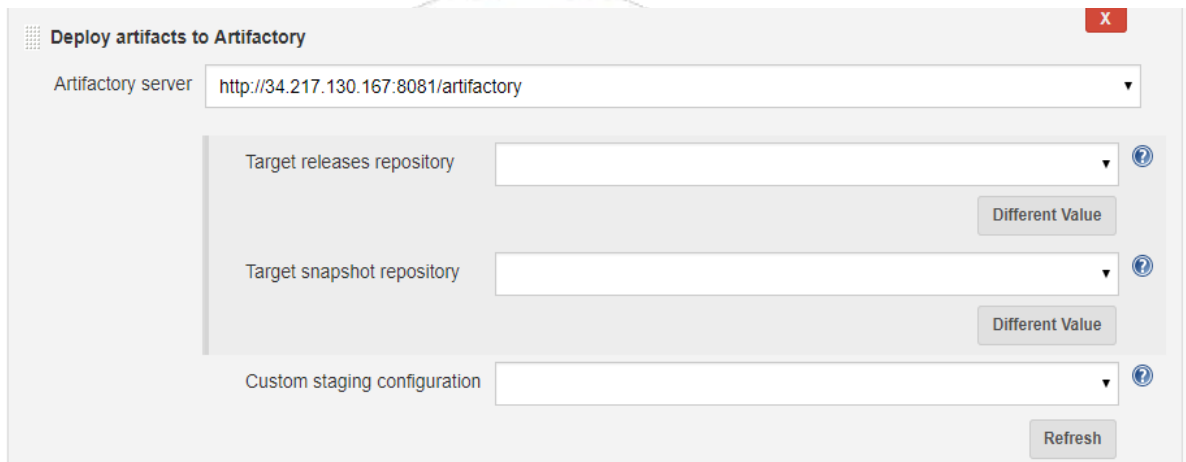
General   
  Source Code Management   
  Build Triggers   
  Build Environment   
  Pre Steps   
  Build   
  Post Steps   
  Build Settings

Post-build Actions

Disable this project

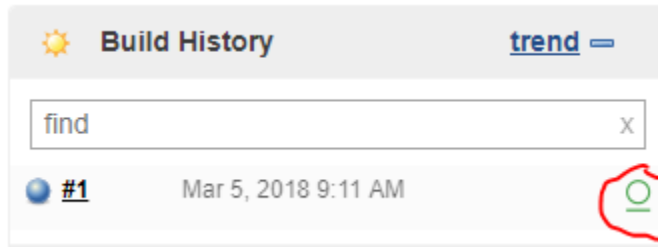


5. Click Refresh & select Repository created in artifactory

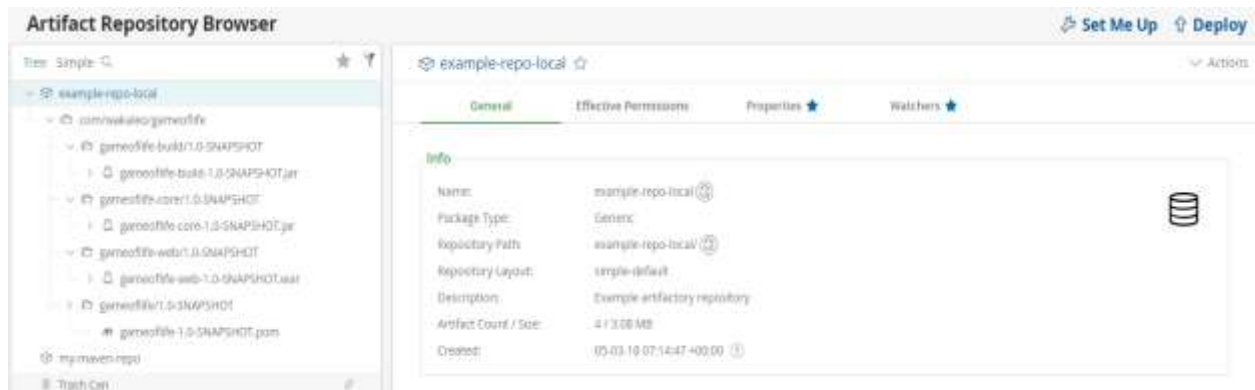


6. Click on save

7. Build the project and wait for the build to be successful
8. Click on the artifactory build info in builds



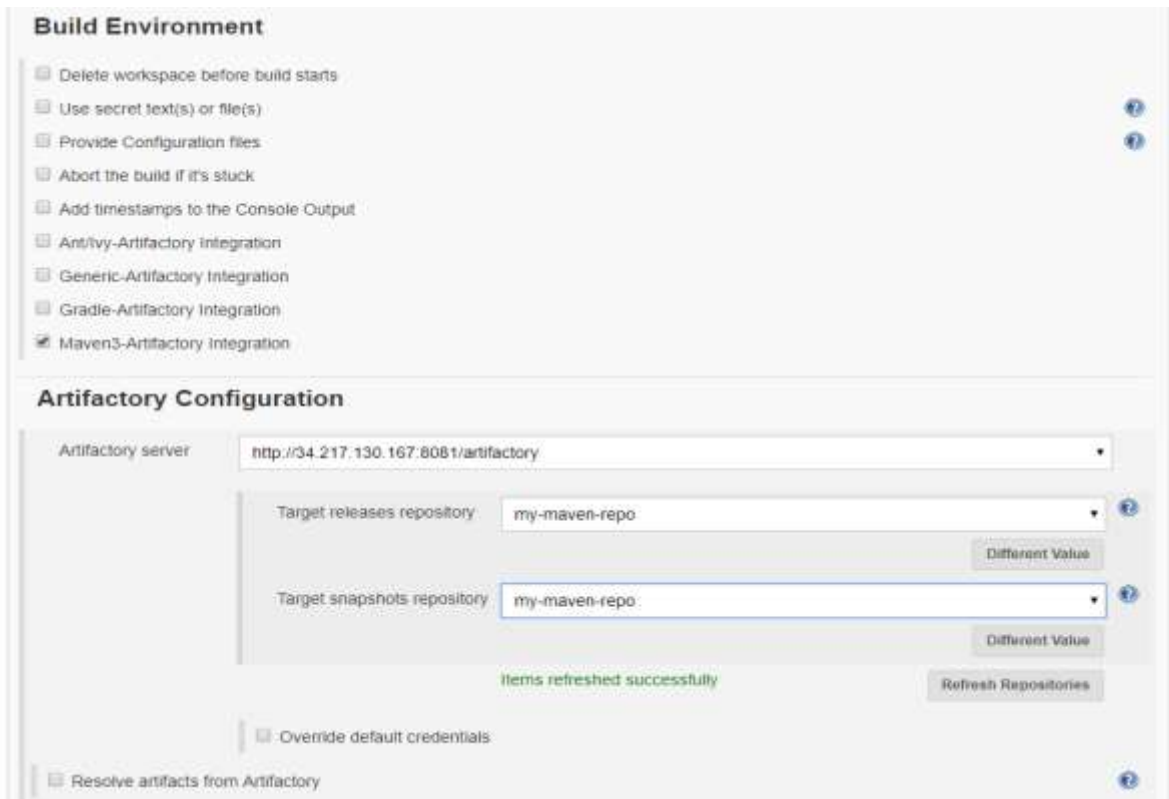
9. Navigate into the artifactory and you can find the following



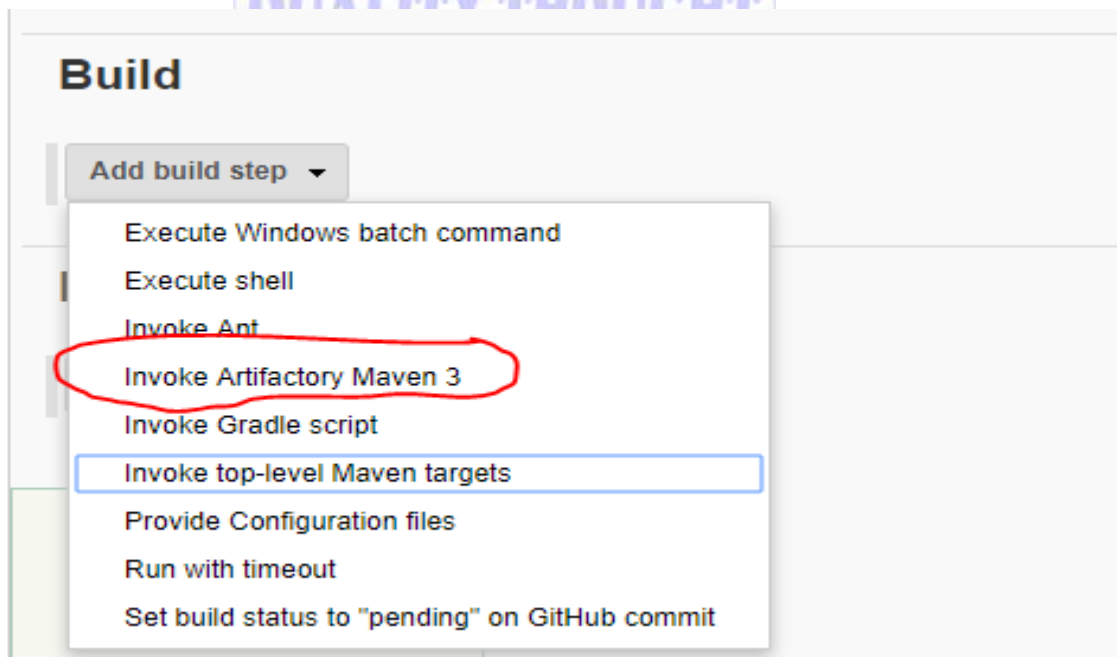
### Creation of Free Style Maven – artifactory integration

1. Create a new free style project
2. Select source code
3. Configure Build Environment & select Maven-Artifactory





4. Navigate to Build Steps & Select invoke Artifactory Maven 3



5. Select Goals

### Build

Invoke Artifactory Maven 3
X
?

Maven Version:

Root POM:

Goals and options:

6. Save the Project/Item & click Build
7. Click on Artifactory Build Info

**Build History**
[trend](#) —

	<b>#2</b>	Mar 5, 2018 9:20 AM	
	<b>#1</b>	Feb 16, 2018 10:39 AM	

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

### Build Browser

All Builds > gameoflife > 2

Build #2

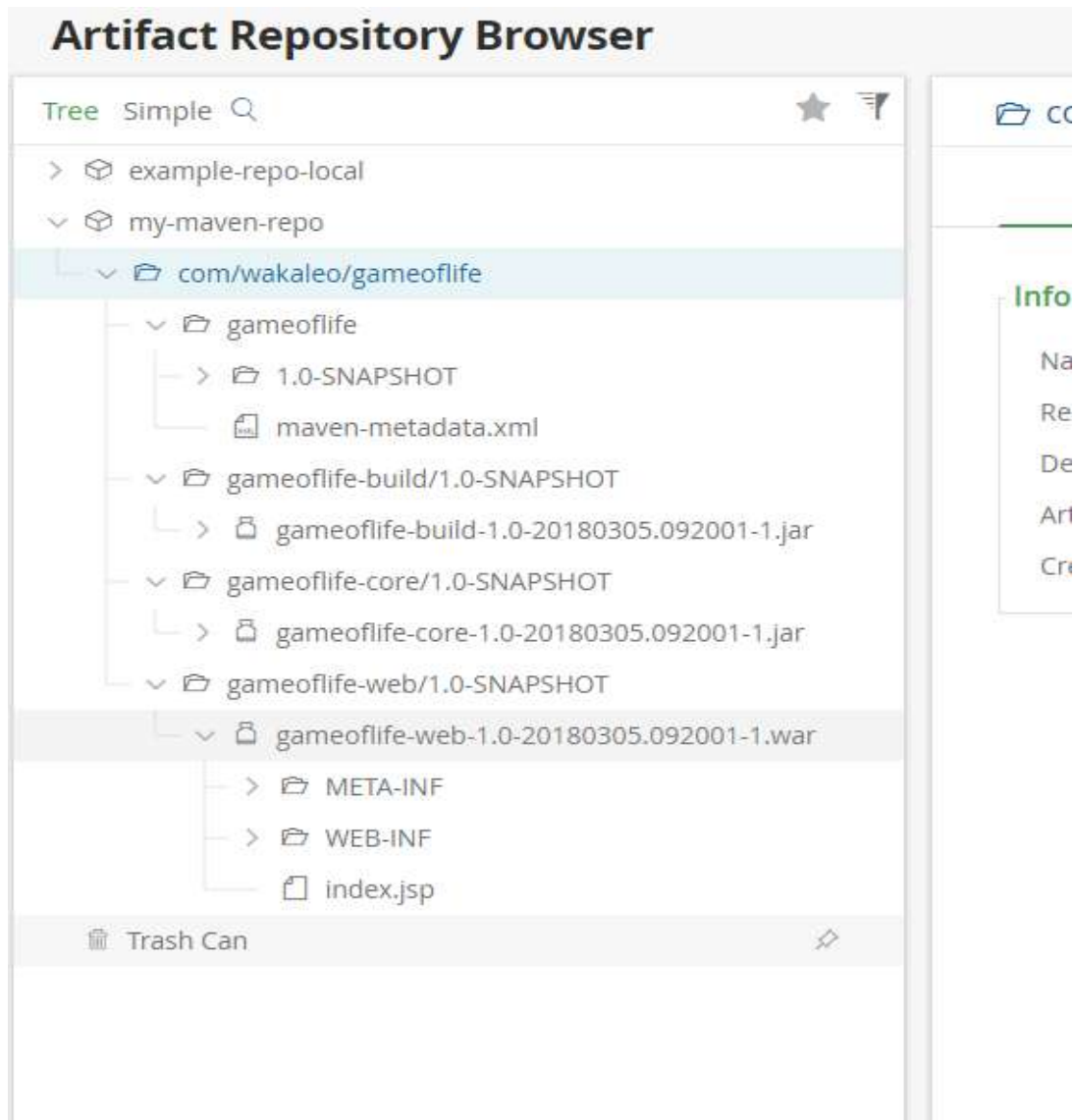
General Build Info
Published Modules
Environment
Issues
Licenses ★
Diff ★
Release History
Build Info (JSON)

**General Info**

Name:	gameoflife
Number:	2
Agent:	jenkins/2.89.4
Build Agent:	Maven/3.5.3
Started:	2018-03-05T09:20:03.949+0000
Duration:	0.6 seconds
Principal:	quality
Artifactory Principal:	admin
URL:	<a href="http://jenkins-1042939855.us-west-2.elb.amazonaws.com/job/gameoflife/2/">http://jenkins-1042939855.us-west-2.elb.amazonaws.com/job/gameoflife/2/</a>

8. Click OnArtifactory Repo Browser & Check the builds generated.





9.