

Please follow the steps provided in the screen shots below for more information.

paste the code snippet as shown below

The screenshot shows the JFrog Artifactory web interface. A modal window titled "Set Me Up" is open, specifically for the "Maven" tool. The "Repository" dropdown is set to "batman". Below the dropdown, there's a "General" section with a note: "Click on "Generate Maven Settings" in order to resolve artifacts through Virtual or Remote repositories." To the right of this note is a "Generate Maven Settings" button. At the bottom of the modal, there is a code snippet for a Maven POM file:

```
<distributionManagement>
  <repository>
    <id>central</id>
    <name>pavan-releases</name>
    <url>http://192.168.1.2:8081/artifactory/batman</url>
  </repository>
  <snapshotRepository>
    <id>snapshots</id>
    <name>pavan-snapshots</name>
    <url>http://192.168.1.2:8081/artifactory/batman</url>
  </snapshotRepository>
</distributionManagement>
```

The main Artifactory dashboard is visible in the background, showing various navigation links like User Guide, Webinar Signup, Stackoverflow, Blog, and several icons for different features: High Availability, JFrog Binrary Distribution, JFrog Xray, JFrog CLI, Build Integration, Docker, Repository Replication, Multipush Replication, and AQL.

The screenshot shows a terminal window with a dark theme. The user is in a directory named "new_testproj". They are viewing a Maven POM file. The file contains the following configuration:

```
<modules>
  <module>multi1</module>
  <module>multi2</module>
  <module>multi3</module>
</modules>

<properties>
  <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
</properties>

<dependencies>
  <dependency>
    <groupId>junit</groupId>
    <artifactId>junit</artifactId>
    <version>3.8.1</version>
    <scope>test</scope>
  </dependency>
</dependencies>

<distributionManagement>
  <repository>
    <id>central</id>
    <name>pavan-releases</name>
    <url>http://192.168.1.2:8081/artifactory/batman</url>
  </repository>
  <snapshotRepository>
    <id>snapshots</id>
    <name>pavan-snapshots</name>
    <url>http://192.168.1.2:8081/artifactory/batman</url>
  </snapshotRepository>
</distributionManagement>

<build>
  <pluginManagement>
    <plugins>
      <plugin>
        <groupId>org.apache.maven.plugins</groupId>
        <artifactId>maven-jar-plugin</artifactId>
        <version>2.4</version>
      </plugin>
    </plugins>
  </pluginManagement>
</build>
```

The terminal window has tabs for "root@pavan:/home/pavan/project-examples" and "root@pavan:/home/pavan/Downloads/artifactory-pro-5.3.1/bin". The status bar at the bottom right shows "51,1 10%".

Change credentials in pom so that your build can be copy the artefact to your repository.

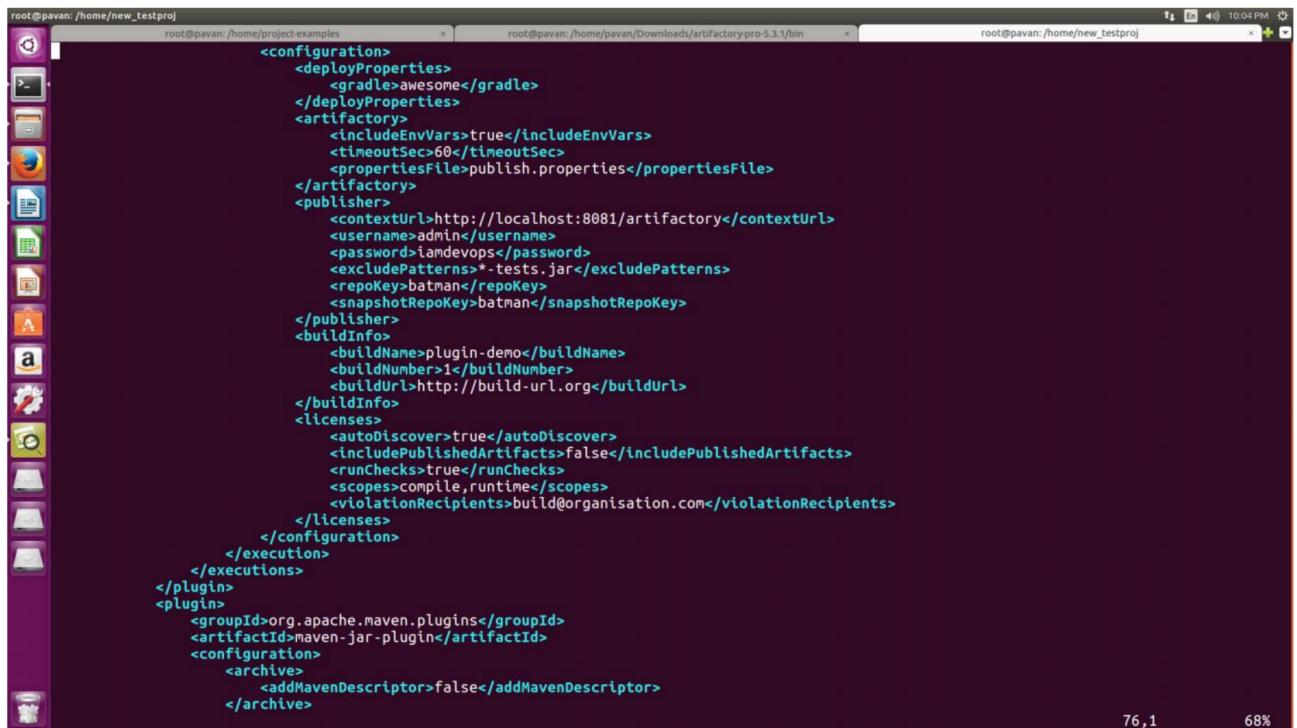
Ex: Please check the screenshot below for more info.

```
<publisher>
**</publisher>
<username>admin</username>
<password>password</password>
```

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```
<repokey>batman</repokey>
<snapshotRepokey>batman</snapshotRepokey>
<publisher/>
```



```
<configuration>
    <deployProperties>
        <gradle>awesome</gradle>
    </deployProperties>
    <artifactory>
        <includeEnvVars>true</includeEnvVars>
        <timeoutSec>60</timeoutSec>
        <propertiesFile>publish.properties</propertiesFile>
    </artifactory>
    <publishers>
        <contextUrl>http://localhost:8081/artifactory</contextUrl>
        <username>admin</username>
        <password>iamevops</password>
        <excludePatterns>*.tests.jar</excludePatterns>
        <repoKey>batman</repoKey>
        <snapshotRepoKey>batman</snapshotRepoKey>
    </publishers>
    <buildInfo>
        <buildName>plugin-demo</buildName>
        <buildNumber>1</buildNumber>
        <buildUrl>http://build-url.org</buildUrl>
    </buildInfo>
    <licenses>
        <autoDiscover>true</autoDiscover>
        <includePublishedArtifacts>false</includePublishedArtifacts>
        <runChecks>true</runChecks>
        <scopes>compile,runtime</scopes>
        <violationRecipients>build@organisation.com</violationRecipients>
    </licenses>
    </configuration>
    </execution>
</executions>
</plugin>
<plugin>
    <groupId>org.apache.maven.plugins</groupId>
    <artifactId>maven-jar-plugin</artifactId>
    <configuration>
        <archive>
            <addMavenDescriptor>false</addMavenDescriptor>
        </archive>
    </configuration>

```

Here we are creating a maven inventory file so that we can tell maven to download dependencies from Jcenter instead of maven central.

```
#In set, me up page press generate maven settings  
# copy the snippet
```

Please refer to the screenshot provided below for more info.

The screenshot shows the JFrog Artifactory web interface. At the top, there's a green header bar with the JFrog logo and a search bar. Below the header, the main dashboard features a "Set Me Up" dialog box in the center. This dialog contains fields for "libs-release", "libs-snapshot", "Plugin Releases", "Plugin Snapshots", and "libs-release", "libs-snapshot". It also includes a "Generate Settings" button, a "Download Snippet" link, and a "Deploy Settings" link. To the right of the dialog, there are sections for "Builds" (with a count of 14095/17440948), "Pinned Artifacts" (with a count of 0/400017/140948), and "AQL" (with a count of 0). On the left side, there's a sidebar with various icons for "User Guide", "Webinar Signup", "Stackoverflow", "Blog", "High Availability", "JFrog Bintray Distribution", "JFrog Xray", "JFrog CLI", "Build Integration", "Docker", "Repository Replication", and "Multipush Replication". The bottom of the page has a footer with a copyright notice.

By default maven will check for inventory file in .m2 directory in the home directory

```
# create maven inventory file
#mkdir -p /home/.m2
#vim /home/.m2/settings.xml
# copy the snippet
```

Now let's deploy the artefacts

Navigate to the directory where the edited pom.xml resides and execute the following command.

```
#cd /home/project-examples/artifactory-maven-plugin-example
# mvn deploy
```

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```

root@pavan:/home/project-examples/artifactory-maven-plugin-example
root@pavan:/home/pavan/Downloads/artifactory-pro-5.3.1/bin
[Downloaded: http://jcenter.bintray.com/com/thoughtworks/xstream/xstream-parent/1.3.1/xstream-parent-1.3.1.pom (14 KB at 24.4 KB/sec)
Downloaded: http://jcenter.bintray.com/xpp3/xpp3_min/1.1.4c/xpp3_min-1.1.4c.pom (12 KB at 2.8 KB/sec)
Downloaded: http://jcenter.bintray.com/org/jfrog/buildInfo/build-info-api/2.5.5/build-info-api-2.5.5.pom (3 KB at 4.1 KB/sec)
Downloaded: http://jcenter.bintray.com/org/apache/ant/ant/1.9.2/ant-1.9.2.pom (10 KB at 9.3 KB/sec)
Downloaded: http://jcenter.bintray.com/org/apache/ant/ant-parent/1.9.2/ant-parent-1.9.2.pom (6 KB at 9.7 KB/sec)
Downloaded: http://jcenter.bintray.com/org/apache/ant/ant-launcher/1.9.2/ant-launcher-1.9.2.pom (3 KB at 4.1 KB/sec)
Downloaded: http://jcenter.bintray.com/org/codehaus/g Maven-Project-2.10/maven-project-2.10.pom (3 KB at 4.8 KB/sec)
Downloaded: http://jcenter.bintray.com/org/codehaus/g Maven-Project-2.10/maven-project-2.10.pom (3 KB at 4.8 KB/sec)
Downloaded: http://jcenter.bintray.com/org/codehaus/g Maven-Project-2.10/maven-project-2.10.pom (41 KB at 36.1 KB/sec)
Downloaded: http://jcenter.bintray.com/org/codehaus/codehaus-parent/4/codehaus-parent-4.pom (5 KB at 8.3 KB/sec)
Downloaded: http://jcenter.bintray.com/org/codehaus/g Maven-runtime/1.5/g Maven-runtime-1.5.pom (2 KB at 2.5 KB/sec)
Downloaded: http://jcenter.bintray.com/org/codehaus/g Maven-runtime/1.5/g Maven-runtime-1.5.pom (4 KB at 4.3 KB/sec)
Downloaded: http://jcenter.bintray.com/org/codehaus/g Maven-runtime/1.5/g Maven-runtime-1.5.pom (4 KB at 4.3 KB/sec)
Downloaded: http://jcenter.bintray.com/org/codehaus/g Maven-feature/api/1.5/g Maven-feature-api-1.5.pom (2 KB at 1.9 KB/sec)
Downloaded: http://jcenter.bintray.com/org/codehaus/g Maven-feature/api/1.5/g Maven-feature-api-1.5.pom (2 KB at 2.5 KB/sec)
Downloaded: http://jcenter.bintray.com/org/codehaus/g Maven-runtime/1.5/g Maven-runtime-1.5.pom (3 KB at 3.9 KB/sec)
Downloaded: http://jcenter.bintray.com/org/codehaus/g Maven-runtime/1.5/g Maven-runtime-1.5.pom (3 KB at 3.5 KB/sec)
Downloaded: http://jcenter.bintray.com/org/codehaus/g Maven-runtime/1.5/g Maven-runtime-1.5.pom (9 KB at 15.3 KB/sec)
Downloaded: http://jcenter.bintray.com/org/codehaus/g Maven-feature/support/1.5/g Maven-feature-support-1.5.pom (2 KB at 2.8 KB/sec)
Downloaded: http://jcenter.bintray.com/org/codehaus/g Maven-runtime/runtime-support/1.5/g Maven-runtime-support-1.5.pom (3 KB at 2.6 KB/sec)
Downloaded: http://jcenter.bintray.com/org/sonatype/gshell/gshell-io/2.4/gshell-io-2.4.pom (2 KB at 2.4 KB/sec)
Downloaded: http://jcenter.bintray.com/org/sonatype/gshell/gshell-2.4/gshell-2.4.pom (18 KB at 21.4 KB/sec)
Downloaded: http://jcenter.bintray.com/org/sonatype/gforge/gforge-parent/5/gforge-parent-5.pom (9 KB at 14.4 KB/sec)
Downloaded: http://jcenter.bintray.com/org/sonatype/gossip/gossip/1.3/gossip-1.3.pom (28 KB at 32.9 KB/sec)
Downloaded: http://jcenter.bintray.com/org/codehaus/plexus/plexus-utils/3.0/plexus-utils-3.0.pom (4 KB at 3.9 KB/sec)
Downloaded: http://jcenter.bintray.com/org/sonatype/spice/spice-parent/16/spice-parent-16.pom (9 KB at 15.1 KB/sec)
Downloaded: http://jcenter.bintray.com/com/thoughtworks/dox/dox/1.12/dox-1.12.pom (19 KB at 17.6 KB/sec)
Downloaded: http://jcenter.bintray.com/org/apache/ant/ant/1.8.2/ant-1.8.2.pom (5 KB at 8.3 KB/sec)
Downloaded: http://jcenter.bintray.com/org/apache/ant/ant-launcher/1.8.2/ant-launcher-1.8.2.pom (3 KB at 4.4 KB/sec)
Downloaded: http://jcenter.bintray.com/com/jline/jline/0.9.94/jline-0.9.94.pom (7 KB at 11.6 KB/sec)
Downloaded: http://jcenter.bintray.com/org/apache/maven/maven-project/2.6.10/maven-project-2.6.10.pom

root@pavan:/home/new_testproj
root@pavan:/home/project-examples
root@pavan:/home/pavan/Downloads/artifactory-pro-5.3.1/bin
root@pavan:/home/new_testproj
[INFO] Processing war project
[INFO] Copying webapp resources [/home/new_testproj/multi3/src/main/webapp]
[INFO] Webapp assembled in [41 msecs]
[INFO] Building war: /home/new_testproj/multi3/target/multi3-2.17-SNAPSHOT.war
[INFO]
[INFO] --- maven-install-plugin:2.5.2:install (default-install) @ multi3 ---
[INFO] Installing /home/new_testproj/multi3/target/multi3-2.17-SNAPSHOT.war to /root/.m2/repository/org/jfrog/test/multi3/2.17-SNAPSHOT/multi3-2.17-SNAPSHOT.war
[INFO] Installing /home/new_testproj/multi3/pom.xml to /root/.m2/repository/org/jfrog/test/multi3/2.17-SNAPSHOT/multi3-2.17-SNAPSHOT.pom
[INFO]
[INFO] --- maven-deploy-plugin:2.7:deploy (default-deploy) @ multi3 ---
[INFO] Skipping artifact deployment
[INFO] Artifactory Build Info Recorder: Saving Build Info to '/home/new_testproj/target/build-info.json'
[INFO] Deploying artifact: http://localhost:8081/artifactory/batman/org/jfrog/test/multi3/2.17-SNAPSHOT/multi3-2.17-SNAPSHOT.war
[INFO] Deploying artifact: http://localhost:8081/artifactory/batman/org/jfrog/test/multi3/2.17-SNAPSHOT/multi3-2.17-SNAPSHOT.pom
[INFO] Deploying artifact: http://localhost:8081/artifactory/batman/org/jfrog/test/multi/2.17-SNAPSHOT/multi-2.17-SNAPSHOT.pom
[INFO] Deploying artifact: http://localhost:8081/artifactory/batman/org/jfrog/test/multi1/2.17-SNAPSHOT/multi1-2.17-SNAPSHOT.jar
[INFO] Artifactory Build Info Recorder: Skipping the deployment of 'org/jfrog/test/multi1/2.17-SNAPSHOT/multi1-2.17-SNAPSHOT-tests.jar' due to the defined include-exclude patterns.
[INFO] Deploying artifact: http://localhost:8081/artifactory/batman/org/jfrog/test/multi1/2.17-SNAPSHOT/multi1-2.17-SNAPSHOT-sources.jar
[INFO] Deploying artifact: http://localhost:8081/artifactory/batman/org/jfrog/test/multi1/2.17-SNAPSHOT/multi1-2.17-SNAPSHOT.pom
[INFO] Deploying artifact: http://localhost:8081/artifactory/batman/org/jfrog/test/multi2/2.17-SNAPSHOT/multi2-2.17-SNAPSHOT.jar
[INFO] Artifactory Build Info Recorder: Deploying build info ...
[INFO] Deploying build descriptor to: http://localhost:8081/artifactory/api/build
[INFO] Build successfully deployed. Browse it in Artifactory under http://localhost:8081/artifactory/webapp/builds/plugin-demo/1
[INFO]
[INFO] Reactor Summary:
[INFO]
[INFO] Simple Multi Modules Build ..... SUCCESS [ 1.575 s]
[INFO] Multi 1 ..... SUCCESS [ 1.314 s]
[INFO] Multi 2 ..... SUCCESS [ 0.236 s]
[INFO] Multi 3 ..... SUCCESS [ 0.579 s]
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 6.205 s
[INFO] Finished at: 2017-06-06T22:14:35+05:30
[INFO] Final Memory: 30M/414M
[INFO]

```

In the below screen shot we can see that the “batman” repository has been populated with the artefact, we have just built.

Artifactory - Mozilla Firefox

Configure System [jen] Artifactory sriinivas/maven_test GitHub - JFrogDev/pr... (25) Heuristic DevOps

192.168.1.2:8081/artifactory/webapp/#/artifacts/browse/tree/General/libs-release

Search Welcome, admin Help

JFrog Artifactory

Artifact Repository Browser

Tree Simple Q Compress Empty Folders

libs-release

libs-snapshot

batman

org/jfrog/test

multi

multi1

multi2

multi3

libs-release-local

libs-snapshot-local

superman

wonder-women

jcenter

jcenter-cache

libs-release

General

Name: libs-release

Package Type: Maven

Repository Path: libs-release/

Repository Layout: maven-2-default

Maven

Included Repositories

libs-release-local jcenter

Trash Can

e

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17. Jfrog Integration with Jenkins

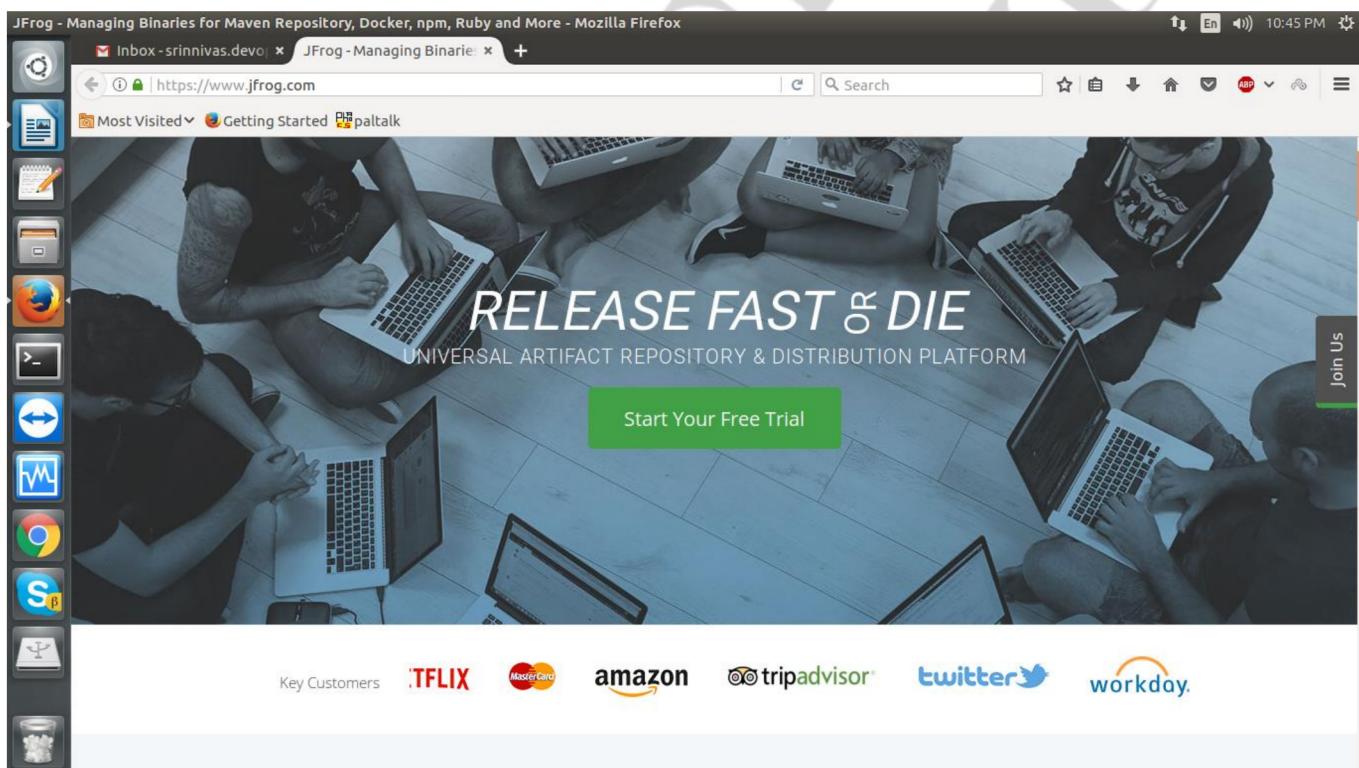
DOCUMENTED BY SRINIVAS.

As the first, and only, universal Artefact Repository Manager on the market, **JFrog Artifactory** fully supports software packages created by any language or technology.

Artifactory is the only **enterprise-ready** repository manager available today, supporting secure, clustered, High Availability Docker registries.

Integrating with all major CI/CD and DevOps tools, Artifactory provides an end-to-end, automated and bullet-proof solution for tracking artefacts from development to production.

Go to www.jfrog.com website and click on Start Your Free Trail.



==> we get 3 option

1. Pro Version
2. SaaS Version
3. Enterprise Version

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JFrog Artifactory Free Trial - JFrog - Mozilla Firefox

Inbox - srinnivas.devo x JFrog Artifactory Free x +

https://www.jfrog.com/artifactory/free-trial/

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Overview Versions Features **Free Trial** Buy Now Customer Zone

Try It Today

Pro Version SaaS Version Enterprise Version

Fill in the form to start your 30-day trial

First Name* Last Name* Number of Servers I need integration with:

==> click on Pro Version & Fill in the form to start your 30-day trial
Enter the details correctly like EMAIL ID.
And click on Proceed.

JFrog Artifactory Free Trial - JFrog - Mozilla Firefox

Inbox - srinnivas.devo x JFrog Artifactory Free x +

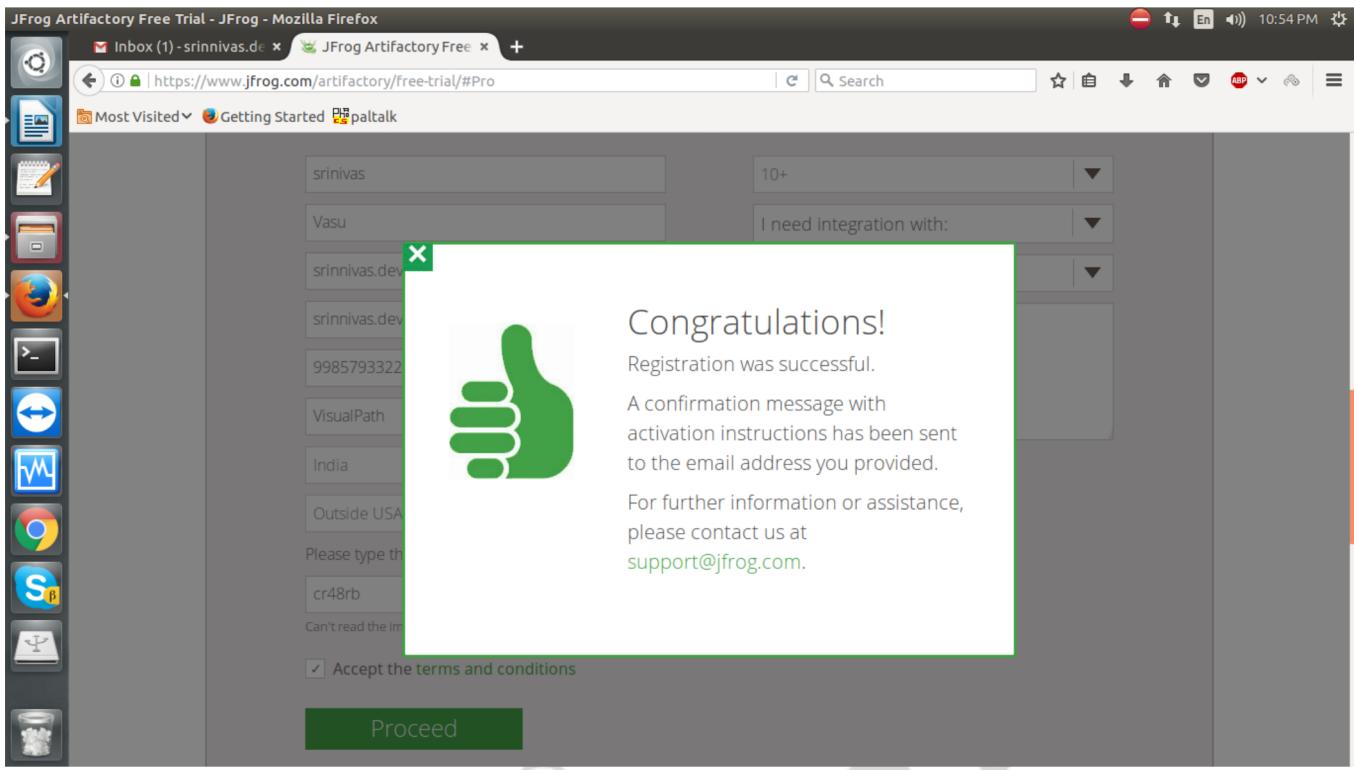
https://www.jfrog.com/artifactory/free-trial/#Pro

Most Visited Getting Started paltalk

srinivas Vasu srinivas.devops@gmail.com 10+ I need integration with:
srinivas.devops@gmail.com 9999999999 No, I'm not.
VisualPath Comments
India Outside USA or Canada
Please type the code shown* cr4rb
Accept the terms and conditions
Proceed

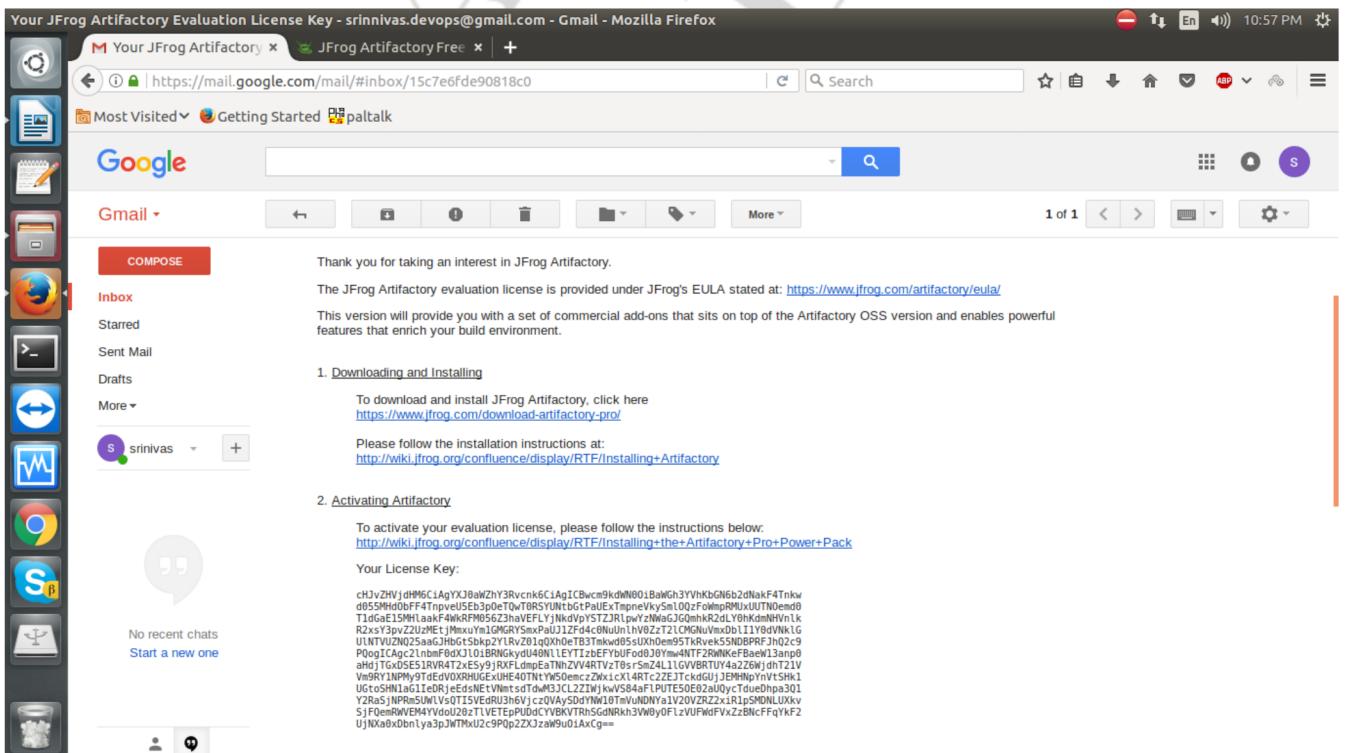
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==> Now check your email id.

A email has been sent by JFROG , In that email there will be a link to download the setup file, License Key information.



==> Now click on

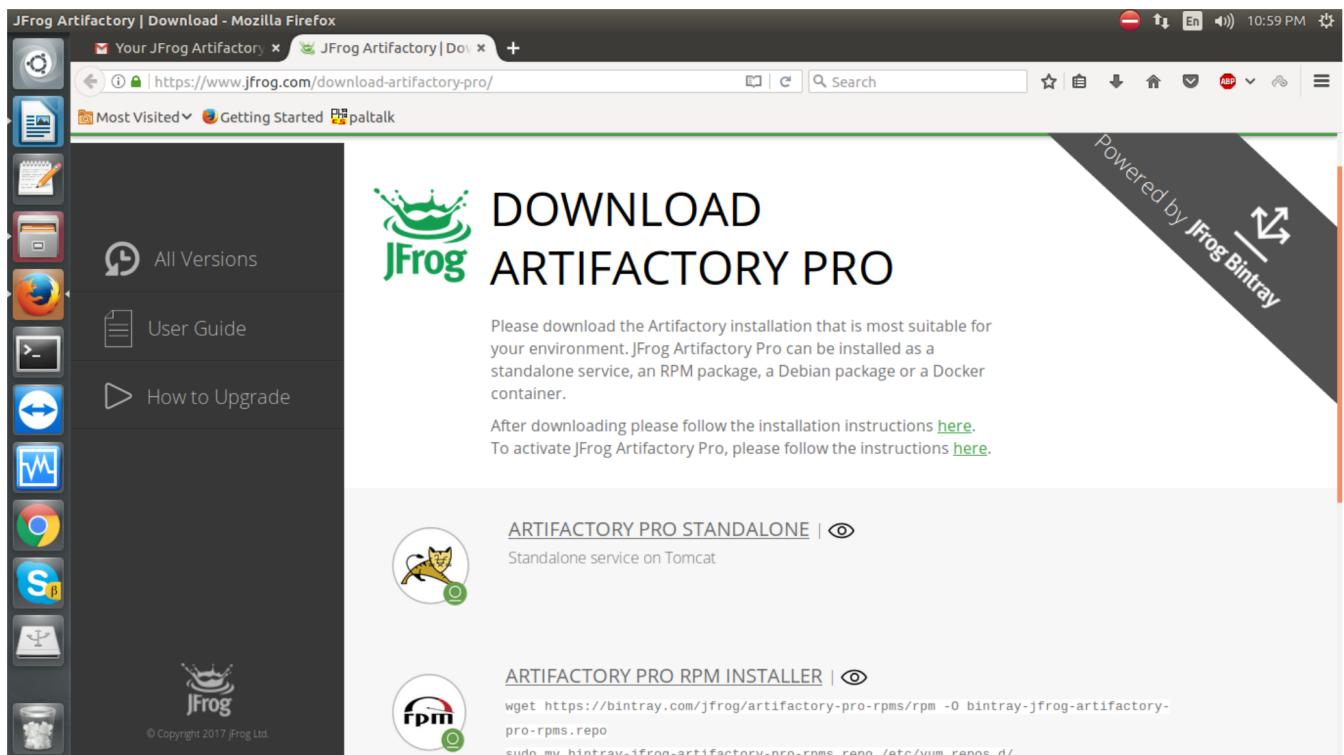
1. Downloading and Installing

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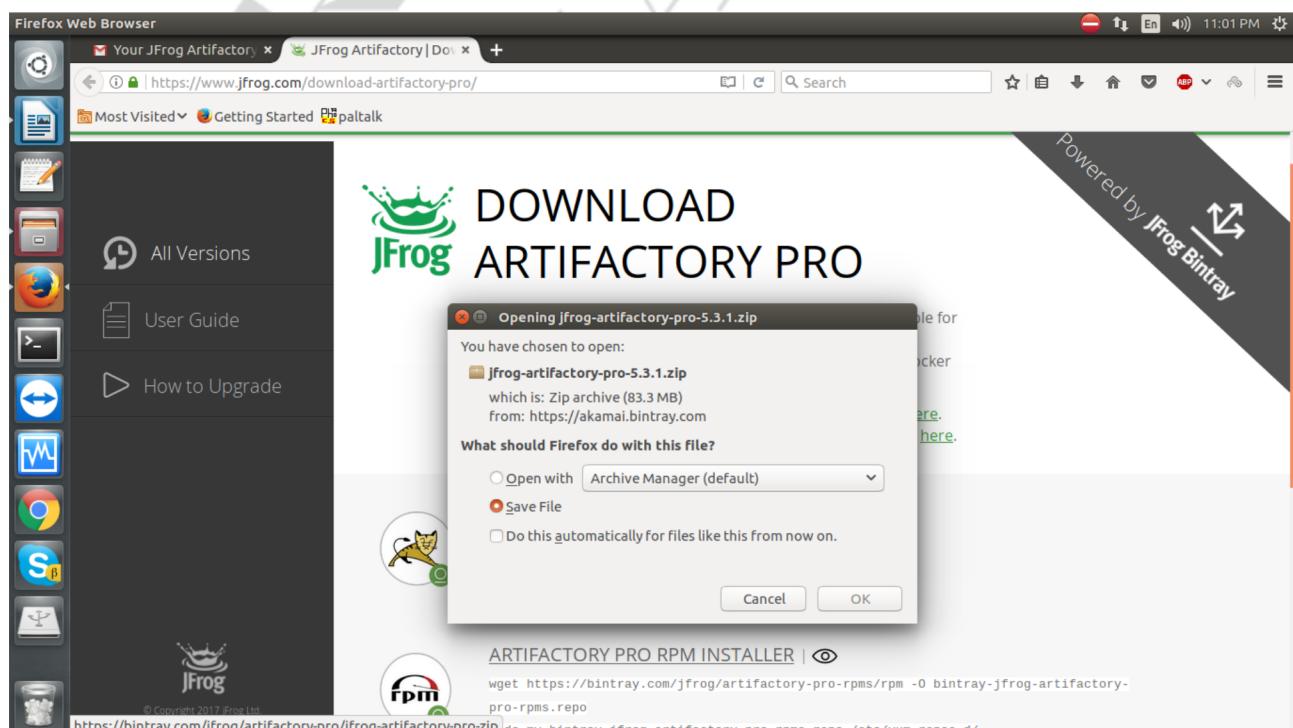
To download and install JFrog Artifactory, click here
<https://www.jfrog.com/>

which is mentioned in your mail.
It will redirect you to jfrog url.



The screenshot shows a Mozilla Firefox browser window with the URL <https://www.jfrog.com/download-artifactory-pro/> in the address bar. The page title is "JFrog Artifactory | Download - Mozilla Firefox". On the left, there is a sidebar with various icons and links: "All Versions", "User Guide", and "How to Upgrade". The main content area features the JFrog logo and the heading "DOWNLOAD ARTIFACTORY PRO". It includes a note about installing as a standalone service, an RPM package, a Debian package, or a Docker container. Below this, two options are listed: "ARTIFACTORY PRO STANDALONE" (with a Tomcat icon) and "ARTIFACTORY PRO RPM INSTALLER" (with a RPM icon). A "Powered by JFrog Bintray" watermark is visible in the top right corner.

==> Click on ARTIFACTORY PRO STANDALONE
and a zip will be ready for download
select Save File & Click Ok



The screenshot shows the same Firefox browser window after clicking on the "ARTIFACTORY PRO STANDALONE" link. A confirmation dialog box titled "Opening Jfrog-artifactory-pro-5.3.1.zip" is displayed. The dialog asks, "What should Firefox do with this file?", with three options: "Open with Archive Manager (default)", "Save File", and "Do this automatically for files like this from now on.". The "Save File" option is selected. At the bottom of the dialog are "Cancel" and "OK" buttons. In the background, the "ARTIFACTORY PRO RPM INSTALLER" section is partially visible.

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The above file will be download to the Downloads Directory.

With that zip file we are ready to setup Jfrog Server.

Now go to Downloads and extract the file and we can install on

1. Local Machine
2. Vagrant
3. Aws Instance

I am Installing Jfrog in the local machine, and the Jfrog server will be my local machine do as the following

login to the ROOT User and install the following:

1. apt-get update -y
2. apt-get install openjdk-8-jdk -y
3. apt-get install unzip
4. apt-get install maven
5. apt-get install git

Unzip the downloaded File::

==> unzip jfrog-artifactory-pro-5.3.1.zip

Go the bin directory in the downloaded file

==> cd artifactory-pro-5.3.1/bin/
./installService.sh
./artifactory.sh

This will set-up the Jfrog server, check the ip & check the url :: <ip>:8081