St. Louis Java Users Group
April 9, 2015

Free Cloud Stack

From Development to Production

Who’s talking?

github.com/markg

@magalpin

www.linkedin.com/in/magalpin

What?

- Customers
- Communities
- Partners

What Frog?

What Frog?

What Frog?

What Frog?

What Frog?

Everybody Wants Your Creation

Everybody Wants Your Creation

Everybody Wants Your Creation

YOUR BRILLIANT CODE

MASSES BEGGING FOR SALVATION

Everybody Wants Your Creation

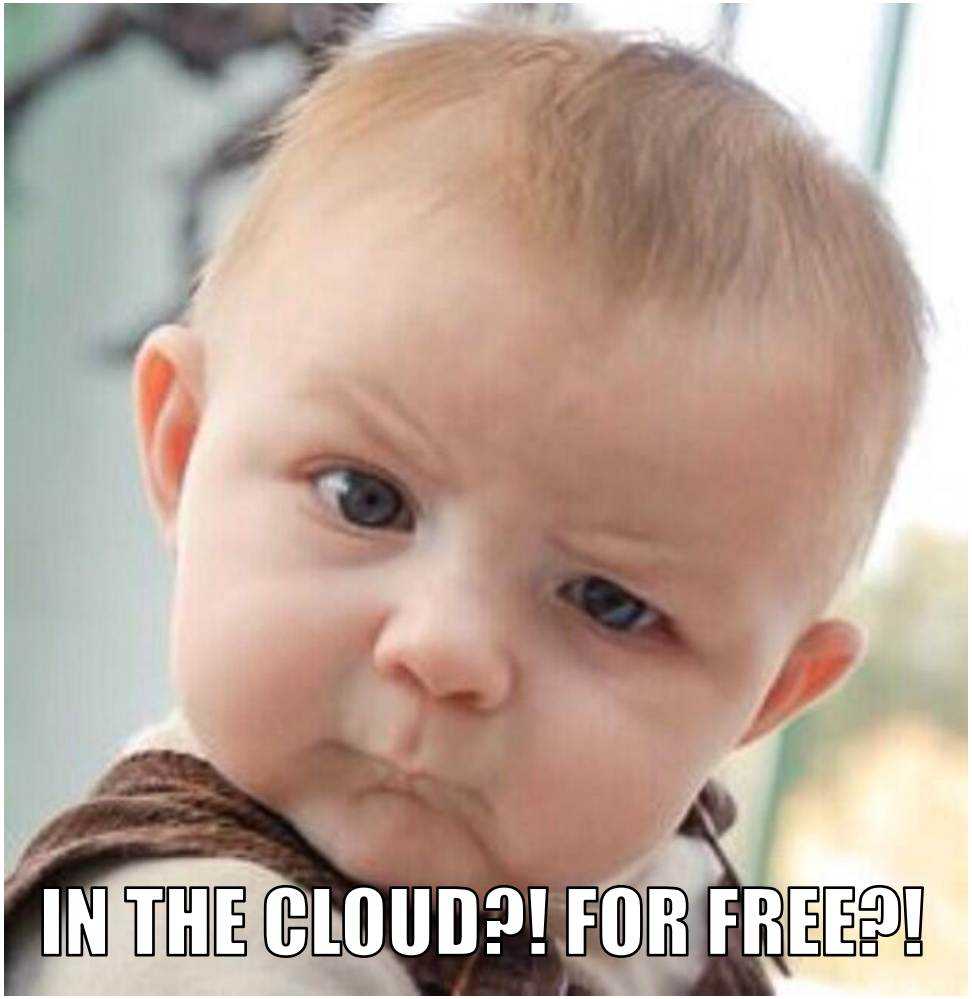
YOUR BRILLIANT CODE

MASSES BEGGING FOR SALVATION

- STORE YOUR SOURCES
- BUILD YOUR BINARIES
- STORE YOUR BINARIES
- ~~DEPLOY YOUR BINARIES (TO YOUR SERVER)~~

  OR

- DISTRIBUTE YOUR BINARIES


IN THE CLOUD?! FOR FREE?!

Source Control
Commit Source Code
Write Code

Source Control

Issues

Source Control

Issues

Documentation

Source Control

Issues

Documentation

Site/Blog

Source Control

Issues

Documentation

Site/Blog

Source Control

Issues

Documentation

Site/Blog

Source Control

Issues

Documentation

Site/Blog

Source Control

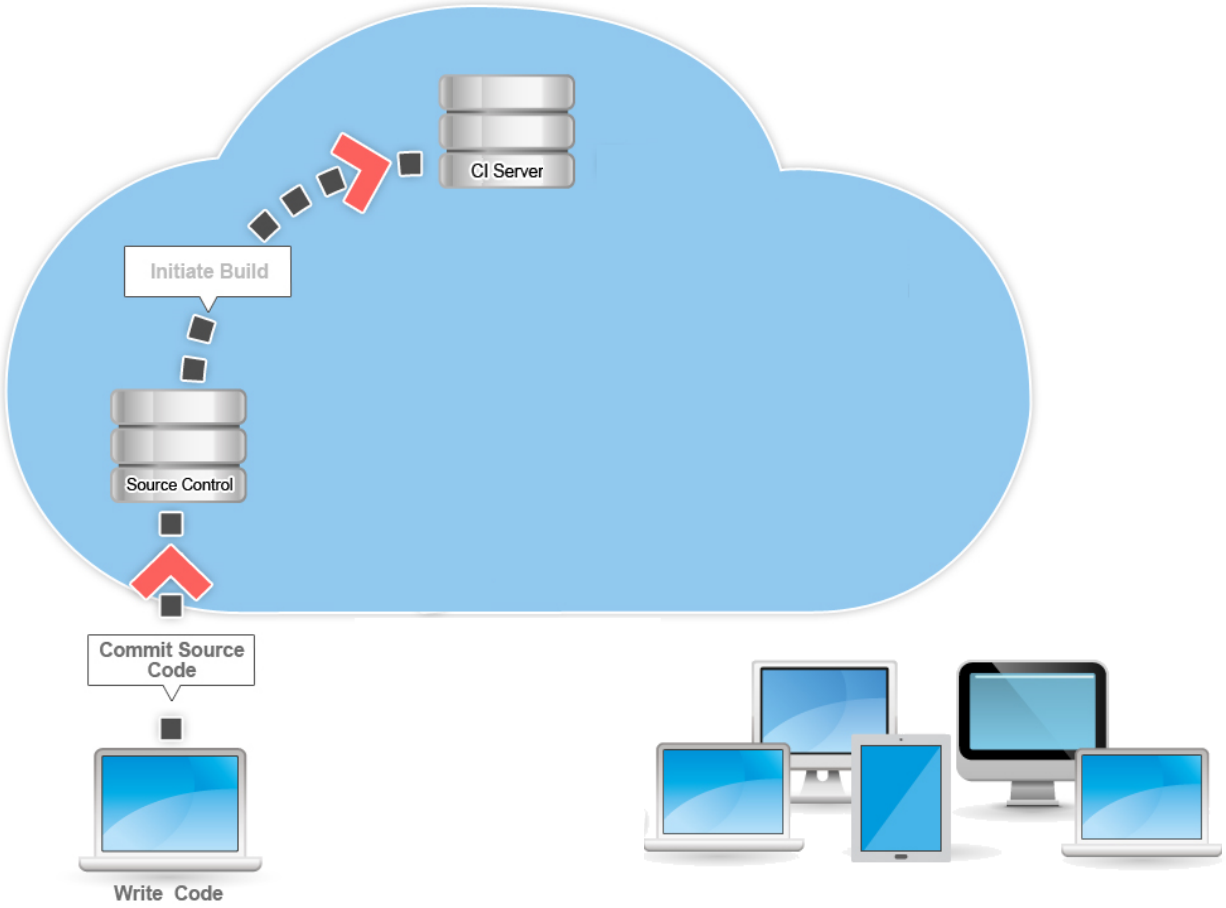
Issues

sourceforge

Documentation

Site/Blog

Source Control


CI Server
Initiate Build
Source Control
Commit Source Code
Write Code

Free CI Servers in the Cloud

Free CI Servers in the Cloud

CODESHIP

Free CI Servers in the Cloud

Travis

CODESHIP

Free CI Servers in the Cloud

Travis

drone.io

CODESHIP

Free CI Servers in the Cloud

Travis

drone.io

wercker

CODESHIP

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Travis

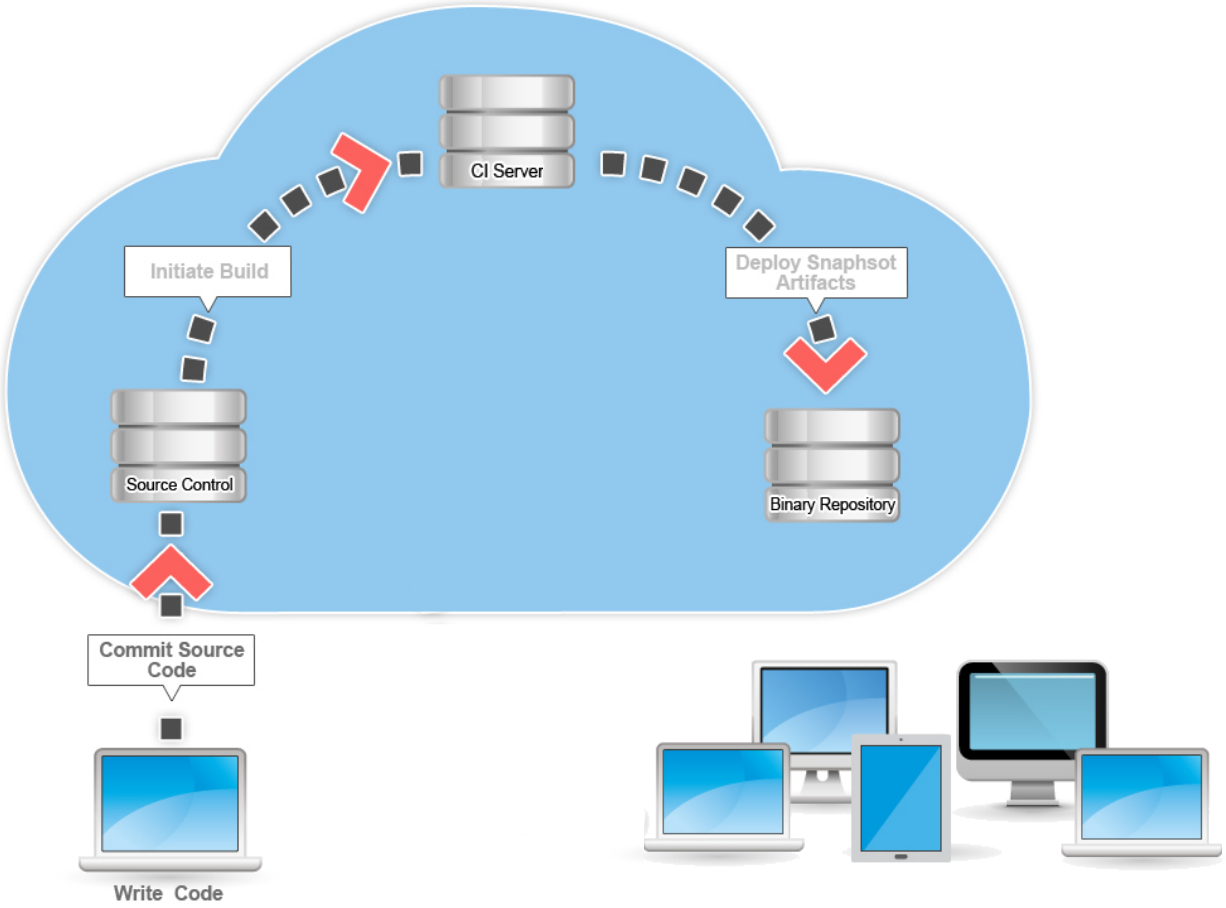
drone.io

wercker

CODESHIP

shippable

Free CI Servers in the Cloud


CI Server
Initiate Build
Deploy Snaphsot Artifacts
Source Control
Binary Repository
Commit Source Code
Write Code

Binary Repository

Binary Repository

archiva™

Binary Repository

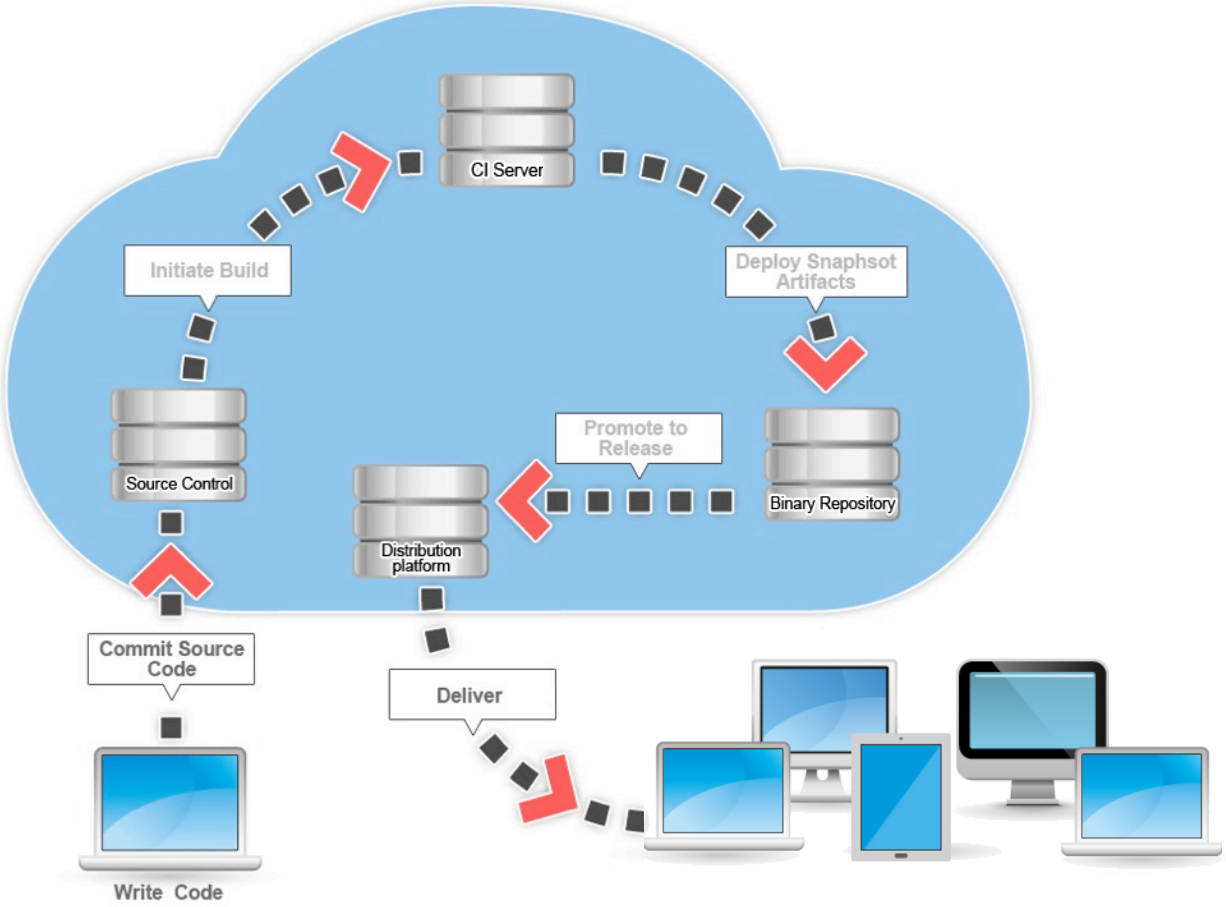
artifactory

archiva™

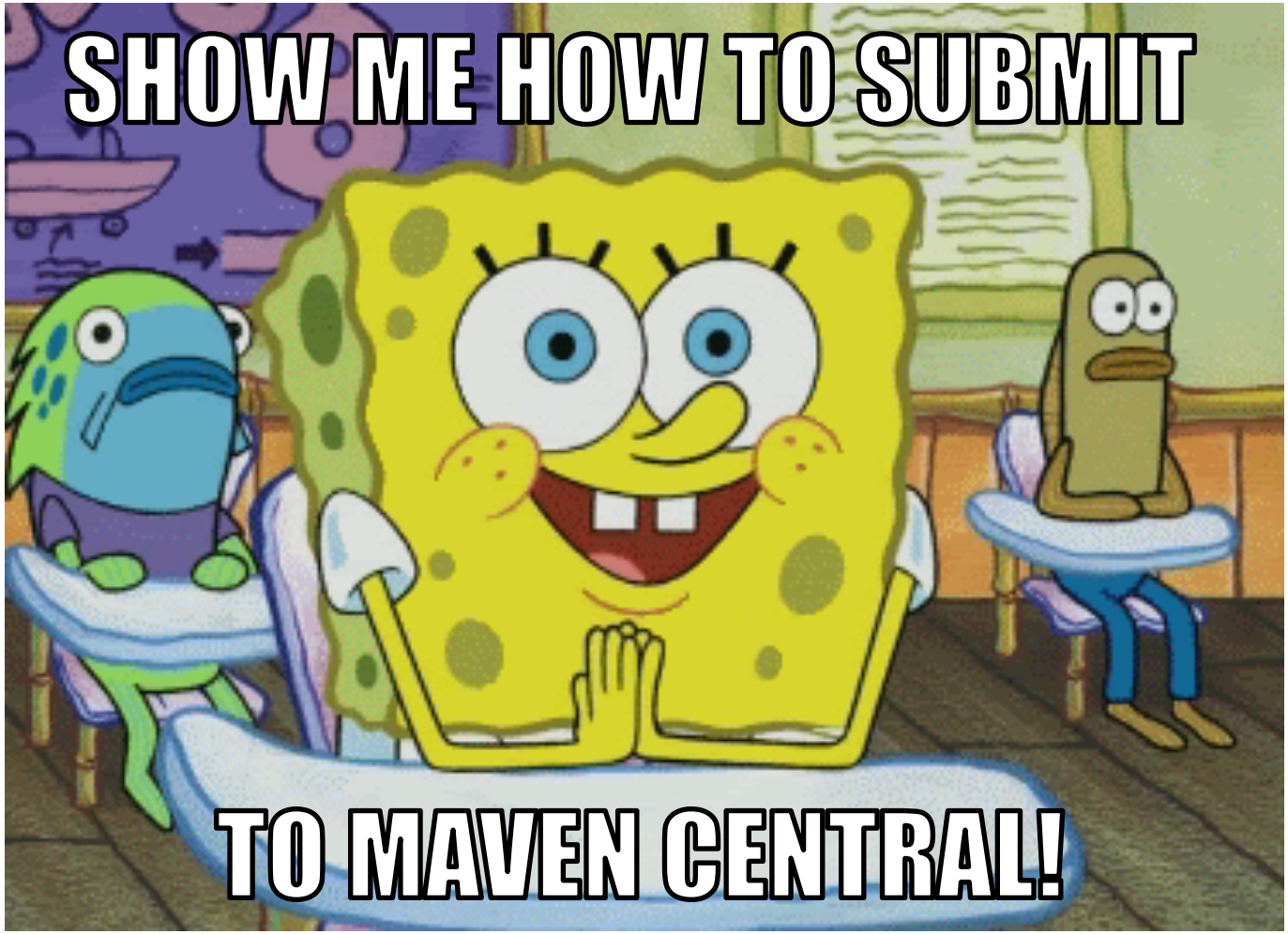
Binary Repository

oss.jfrog.org

Useful documentation:
http://www.jfrog.com/confluence/x/YQCOAQ


CI Server
Initiate Build
Deploy Snaphsot Artifacts
Source Control
Promote to Release
Binary Repository
Distribution platform
Commit Source Code
Deliver
Write Code

Distribution Platform


SHOW ME HOW TO SUBMIT
TO MAVEN CENTRAL!

Yennick Trevels
Release to Central
Step 1
Step 2
Step 3
Publishing an Android Library (AAR) to a Maven Repository
First - PGP Signatures
Second - Maven Publishing Settings
Third - POM Metadata
Fourth - Adding credentials
Finally - Publish
Summary

Too small; Didn't read

Like good old quest games?

http://play.textadventures.co.uk/Play.aspx?id=zv-wer8keey6rnhk4am25q

Distribution Platform

Who uses this Bintray, anyway?

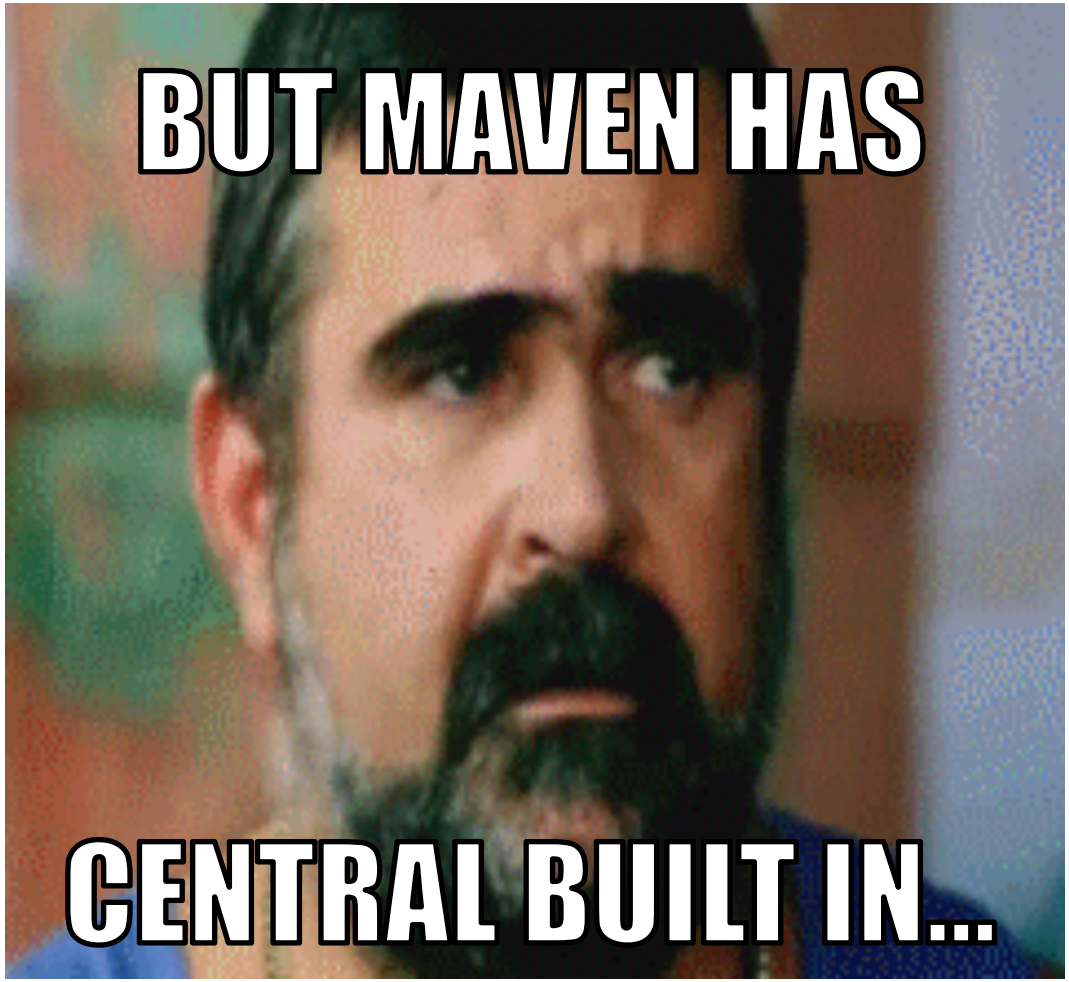
Many tools use jcenter for default resolution

- Groovy GRAPEs
- SBT
- GRAILS 3
- Android Studio
- Gradle Plugins

Easy as jcenter()

```
// In this section you declare where to find the dependencies of your project
repositories {
    // Use 'jcenter' for resolving your dependencies.
    jcenter()
}
```

- Gradle
- GRAILS
- SBT
- Ivy


BUT MAVEN HAS
CENTRAL BUILT IN...

Just click the Maven Central tab!

General | Readme | Release Notes | Reviews (1) | Statistics | Files | **Maven Central**

ⓘ To have your package artifacts synced to the Maven Central repository, your package must comply with the Maven Central requirements..

User token key:

M49VenvD

User token password:

••••••••••••••••••••

ⓘ We do not save this password.

☑ Close and release repository when done.

Sync

Sync Status

Last Synced: Thu Apr 02 20:57:45 UTC 2015

Last Sync Status: Successfully synced without closing repo.

Last Sync Errors: N/A

Note: The responsiveness of the Maven Central gateway at Sonatype fluctuates. This operation may take several minutes depending on the weather.

Demonstration

3 Things to watch for in the demonstration:
Free, Automation, Easy, Fast, Works with no magic, Cool
1.) We will go from source -> distribution in one easy demonstration of free automation
2.) It will take less than 30 minutes and
3.) It will work great

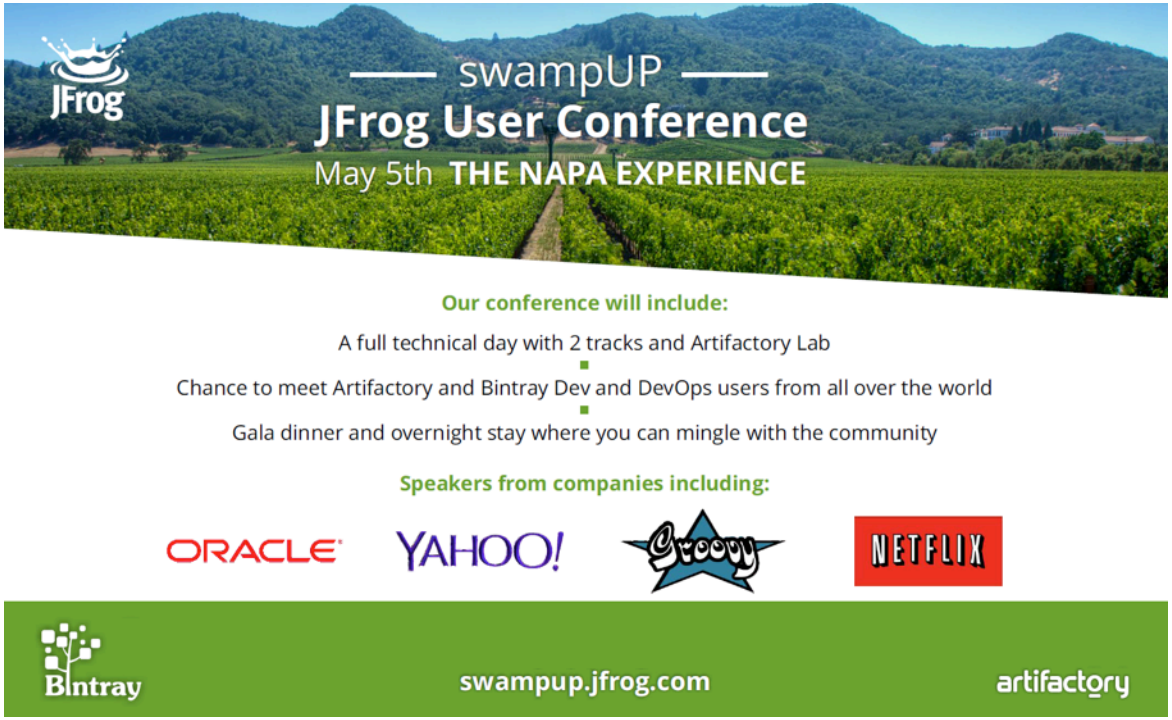
Demo!

- ~~SOURCE IN SOURCE CONTROL~~
- ~~BUILD YOUR BINARIES~~
- ~~STORE YOUR BINARIES~~
- ~~DISTRIBUTE YOUR BINARIES~~

Hang out with Cool People and Learn about CI/CD!

Check out our agenda!
http://swampup.jfrog.com/

Q&A time


JFrog
swampUP
JFrog User Conference
May 5th THE NAPA EXPERIENCE
Our conference will include:
A full technical day with 2 tracks and Artifactory Lab
Chance to meet Artifactory and Bintray Dev and DevOps users from all over the world
Gala dinner and overnight stay where you can mingle with the community
Speakers from companies including:
ORACLE
YAHOO!
Groovy
NETFLIX
Bintray
swampup.jfrog.com
artifactory