distribution-examples (0.0.1)

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Travis CI status: [Build Status]

Chapter 1. Introduction

Read project reference documentation

up and running artifactory in docker

```
docker pull docker.bintray.io/jfrog/artifactory-pro:latest
docker run --name artifactory -d -p 80:8081 -v
$(pwd)/artifactory:/var/opt/jfrog/artifactory docker.bintray.io/jfrog/artifactory-
pro:latest

# ...
###########################################################
### Artifactory successfully started (24.952 seconds)    ###
###########################################################
```

up and running artifactory in docker

```
docker pull docker.bintray.io/jfrog/artifactory-oss:latest
docker run --name artifactory -d -p 80:8081 -v
$(pwd)/artifactory:/var/opt/jfrog/artifactory docker.bintray.io/jfrog/artifactory-
oss:latest

# ...
###########################################################
### Artifactory successfully started (12.425 seconds)    ###
###########################################################
```

Initially generated by using generator-jvm yeoman generator (kotlin-parent-multi-project)
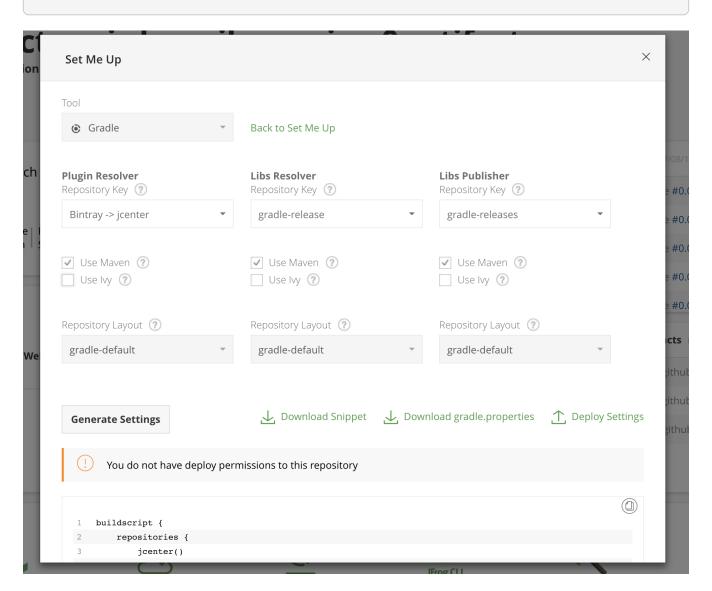
Chapter 2. Implementation

2.1. artifactory-gradle-example

bootstrap artifactory (docker)

```
docker run --name artifactory -d -p 80:8081 -v
$(pwd)/artifactory:/var/opt/jfrog/artifactory docker.bintray.io/jfrog/artifactory-
oss:6.1.0
```

follow wizard to setup artifactory

```
# create gradle-defaul repository: 'gradle-releases'
```

Set Me Up   ✕

Tool

⊚ Gradle   ▾   Back to Set Me Up

Plugin Resolver	**Libs Resolver**	**Libs Publisher**
Repository Key ⍰	Repository Key ⍰	Repository Key ⍰
Bintray -> jcenter ▾	gradle-release ▾	gradle-releases ▾

| ☑ Use Maven ⍰ | ☑ Use Maven ⍰ | ☑ Use Maven ⍰ |
| ☐ Use Ivy ⍰ | ☐ Use Ivy ⍰ | ☐ Use Ivy ⍰ |

| Repository Layout ⍰ | Repository Layout ⍰ | Repository Layout ⍰ |
| gradle-default ▾ | gradle-default ▾ | gradle-default ▾ |

Generate Settings   ⤓ Download Snippet   ⤓ Download gradle.properties   ↥ Deploy Settings

⚠ You do not have deploy permissions to this repository

```
1    buildscript {
2        repositories {
3            jcenter()
```

---

file: build.gradle

```
plugins {
   id 'com.jfrog.artifactory' version '4.7.5' apply false
   // ...
}
apply from: "$projectDir/gradle/artifactory.gradle"
```

file: gradle/artifactory.gradle

```
apply plugin: 'java'

project.javadoc.failOnError = false

task sourcesJar(type: Jar) {
  from sourceSets.main.allJava
  classifier 'sources'
}

task javadocJar(type: Jar) {
  from javadoc
  classifier 'javadoc'
}

artifacts {

}

apply plugin: 'maven-publish'

publishing {
  publications {
    mavenJava(MavenPublication) { publication ->
      afterEvaluate {
        project.shadow.component(publication)
        artifact sourcesJar
        artifact javadocJar
        //artifactId = jar.baseName

        pom {
          name = project.name
          description = project.description
          url = "https://github.com/daggerok/$project.name" as String
          licenses {
            license {
              name = 'MIT License'
              url = "https://github.com/daggerok/${project.name}/blob/master/LICENSE"
as String
            }
          }
```

```
            developers {
              developer {
                id = 'daggerok'
                name = 'Maksim Kostromin'
                email = 'daggerok@gmail.com'
              }
            }
            scm {
              connection = "scm:git:git://github.com/daggeropk/${project.name}.git" as
String
              developerConnection =
"scm:git:ssh://github.com/daggeropk/${project.name}.git" as String
              url = "http://github.com/daggeropk/$project.name" as String
            }
          }
        }
      }
    }
  }
}

apply plugin: 'com.jfrog.artifactory'

artifactory {
  contextUrl = "${artifactory_contextUrl}"   //The base Artifactory URL if not
overridden by the publisher/resolver
  publish {
    repository {
      repoKey = 'gradle-releases'
      username = "${artifactory_user}"
      password = "${artifactory_password}"
      maven = true
    }
    defaults {
      publishBuildInfo = false
      publishIvy = false
      publishPom = true
      publishConfigs('archives')
      //doesn't work?
      //publishArtifacts = true
      publications('mavenJava')
      publishArtifacts = true
      properties = [
          'ololo': 'trololo',
          'Deployed By': System.properties['user.name'],
      ]
    }
  }
  resolve {
    repository {
      repoKey = 'gradle-release'
      username = "${artifactory_user}"
```

```
      password = "${artifactory_password}"
      maven = true
    }
  }

  clientConfig.includeEnvVars = true
  clientConfig.envVarsExcludePatterns =
'*pwd*,*password*,*PWD*,*PASSWORD*,*Password,*secret*,*SECRET*,*key*,*KEY*,sonar.login
'
  clientConfig.info.buildName = project.name
  clientConfig.info.buildNumber = version
}
```

publish artifacts to artifactory

```
./gradlew assemble artifactoryPublish
```

Chapter 3. Links

- artifactory in docker
- GitHub repo
- GitHub pages