

# distribution-examples (0.0.1)

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# Table of Contents

1. Introduction .....	2
2. Implementation .....	3
2.1. artifactory-gradle-example .....	3
2.2. artifactory-maven-repo-gradle-example .....	6
3. Links .....	12

Travis CI status: [\[Build Status\]](#)

# Chapter 1. Introduction

Read [project reference documentation](#)

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-default repository: 'gradle-releases'
```

**Set Me Up** [X]

Tool  
Gradle [v] [Back to Set Me Up](#)

<b>Plugin Resolver</b> Repository Key [?] [v] Bintray -> jcenter <input checked="" type="checkbox"/> Use Maven [?] <input type="checkbox"/> Use Ivy [?] Repository Layout [?] [v] gradle-default	<b>Libs Resolver</b> Repository Key [?] [v] gradle-release <input checked="" type="checkbox"/> Use Maven [?] <input type="checkbox"/> Use Ivy [?] Repository Layout [?] [v] gradle-default	<b>Libs Publisher</b> Repository Key [?] [v] gradle-releases <input checked="" type="checkbox"/> Use Maven [?] <input type="checkbox"/> Use Ivy [?] Repository Layout [?] [v] gradle-default
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[Generate Settings](#) [Download Snippet](#) [Download gradle.properties](#) [Deploy Settings](#)

! You do not have deploy permissions to this repository

```
1 buildscript {  
2     repositories {  
3         jcenter()  
4     }  
5 }
```

*configure gradle project properties*

*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/daggerok/${project.name}.git" as
String
            developerConnection =
"scm:git:ssh://github.com/daggerok/${project.name}.git" as String
            url = "http://github.com/daggerok/${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
```

## 2.2. artifactory-maven-repo-gradle-example

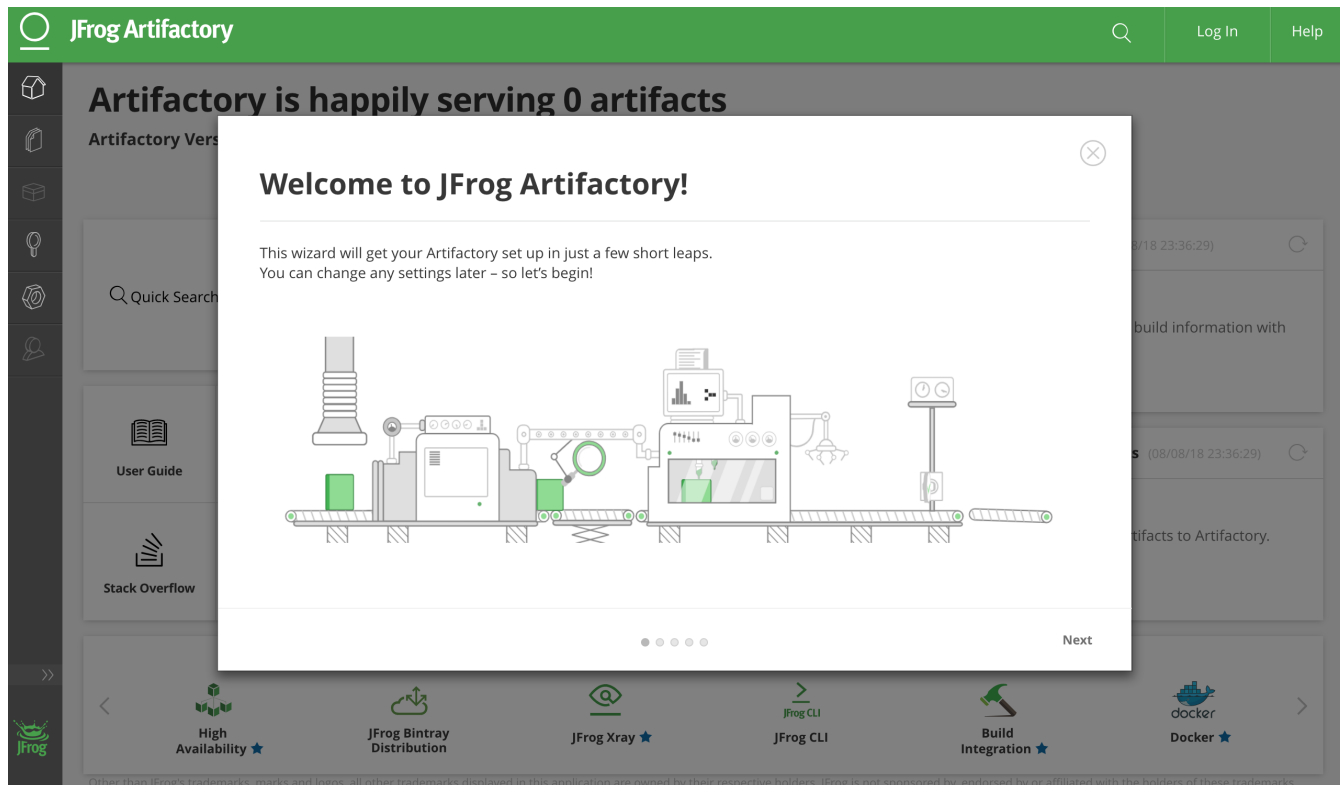
*bootstrap artifactory (docker)*

```

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

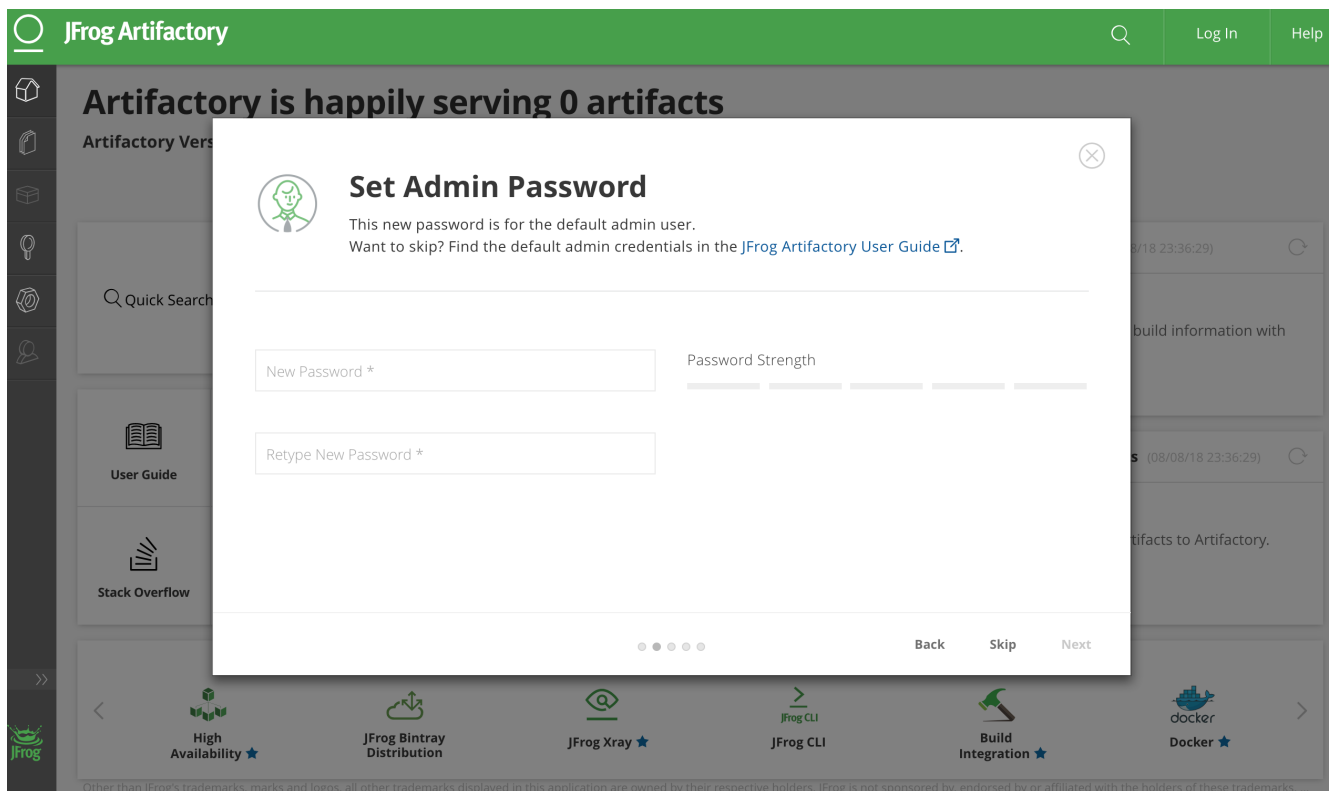
```

configure artifactory

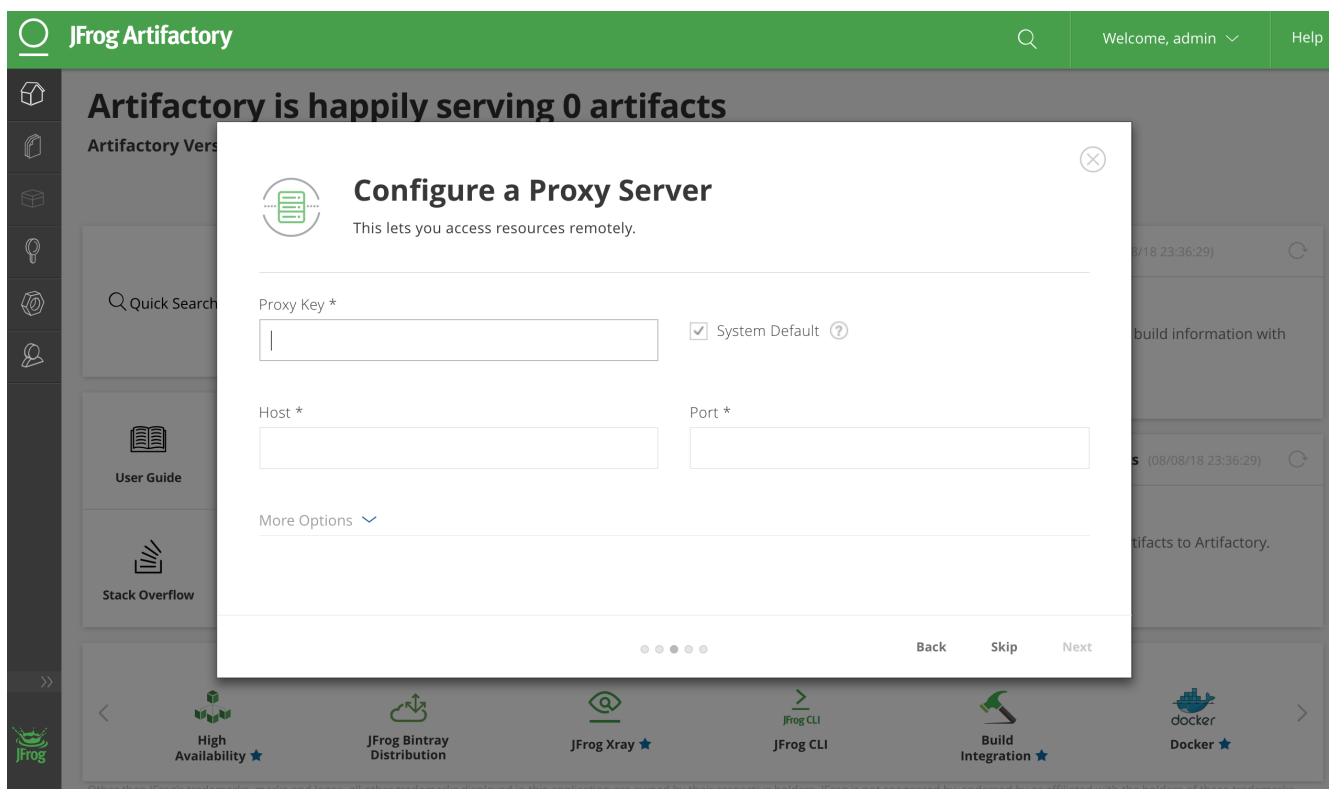


skip password configuration

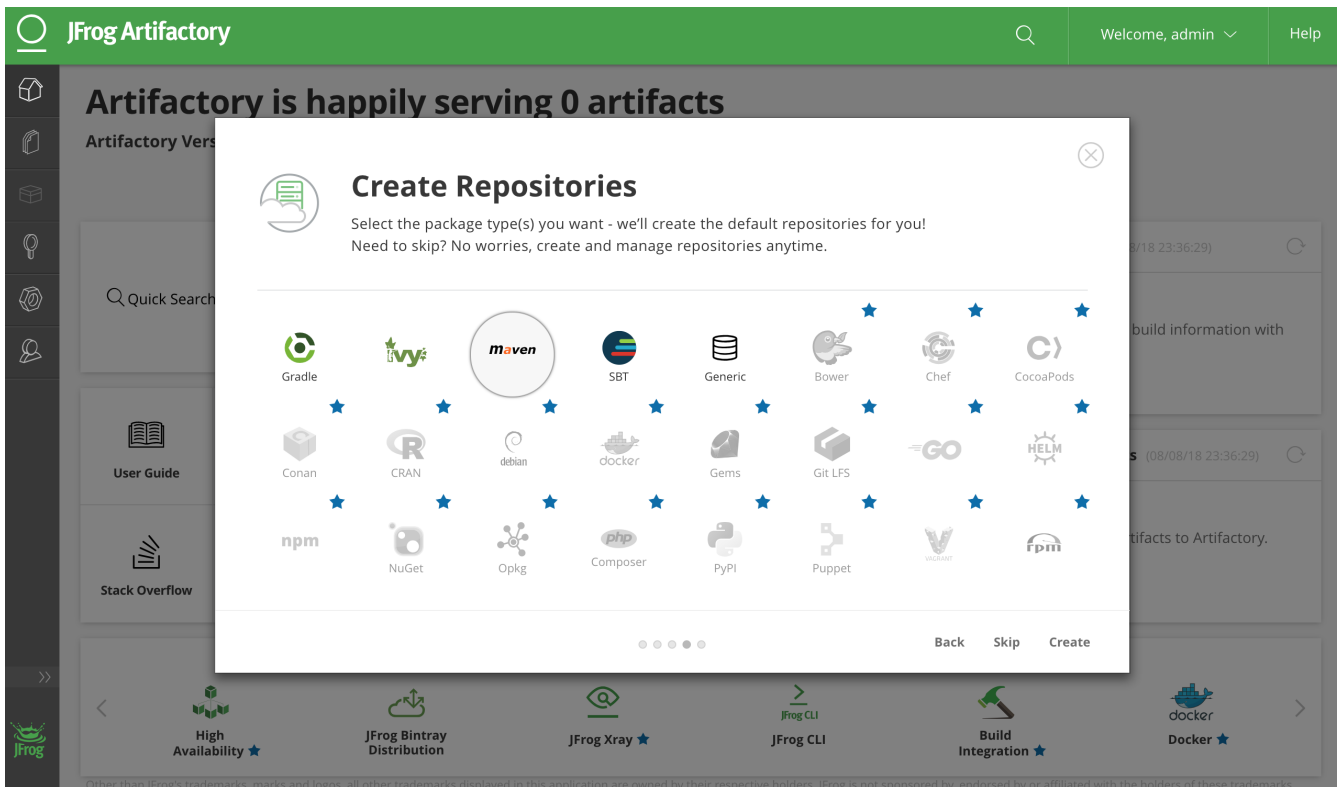




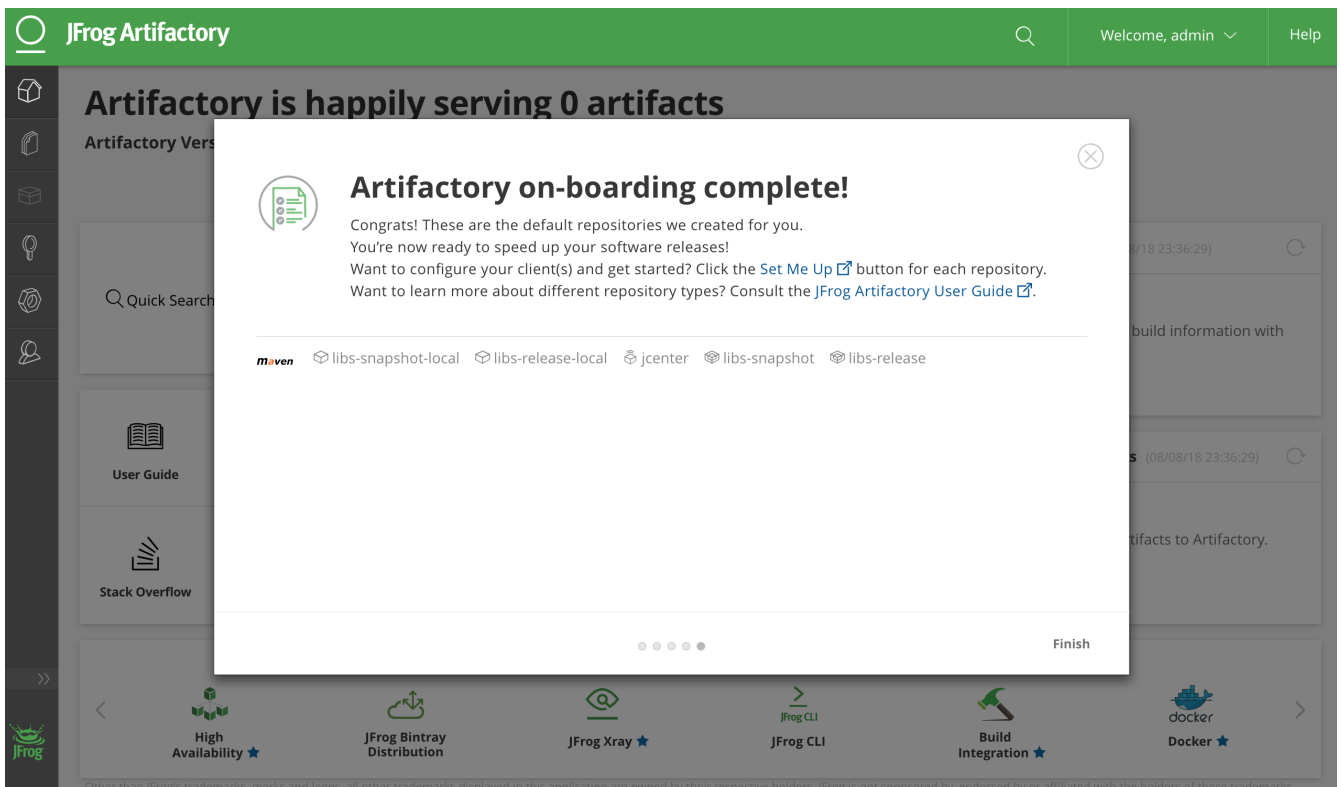
skip proxy configuration



create maven default repository



we interested in 'libs-release-local' and 'libs-snapshot-local'



configure gradle project properties

```
artifactory_user=admin
#artifactory_password=password
artifactory_password=AP9nMJd5Cyv1fzHk9BBHomJKUEe
artifactory_contextUrl=http://127.0.0.1/artifactory
```

*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'  
}  
  
apply plugin: 'maven-publish'  
  
distributions {  
    main {  
        contents {  
            from('build/libs') {  
                include '**/*.*'   
            }  
            from('build/install') {  
                include '**/*.*'   
            }  
            into('.')  
        }  
    }  
}  
  
distZip.dependsOn(installDist, jar)  
  
publishing {  
    publications {  
        mavenJava(MavenPublication) { publication ->  
            afterEvaluate {  
                project.shadow.component(publication)  
                artifact sourcesJar  
                artifact javadocJar  
                //artifactId = jar.baseName  
            }  
        }  
    }  
}
```

```

//artifact makeZip

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/daggerok/${project.name}.git" as
String
        developerConnection =
"scm:git:ssh://github.com/daggerok/${project.name}.git" as String
        url = "http://github.com/daggerok/${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 = 'libs-release-local'
            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 = 'libs-release-local'
        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](#)