

Maven

Dependency	Resolution	Resolution	Resolution
maven central + gradle-plugin	gradle	maven	

maven

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maven

- linux [] [] [] [] [] [] [] [] [] [] :

```
mkdir ~/.m2
vim ~/.m2/settings.xml
```

- windows ☐ powershell (☐ pwsh ☐) ☐

```
mkdir ~/.m2
cd ~/.m2
notepad settings.xml
```

```
<?xml version="1.0" encoding="UTF-8"?>
<settings xmlns="http://maven.apache.org/SETTINGS/1.0.0"
          xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
          xsi:schemaLocation="http://maven.apache.org/SETTINGS/1.0.0 http://maven.apache.org/xsd/settings-
1.0.0.xsd">
  <mirrors>
    <mirror>
      <id>nju_mirror</id>
```

```
<mirrorOf>*</mirrorOf>

<url>https://repo.nju.edu.cn/maven/</url>

</mirror>

</mirrors>

</settings>
```

XXXXXXXXXX

mirrors XXXXXXXX

(XX mirrorOf XXXXXXXXXXXXXXXX)X

```
<mirror>

  <id>nju_mirror</id>

  <mirrorOf>*</mirrorOf>

  <url>https://repo.nju.edu.cn/maven/</url>

</mirror>
```

XXXXXXXXXX

XXXX

XXXXXXXXXXXXXXXXXXXX

pom.xml XXXX

```
<project>

  .....[XXXX ]

  <repositories>

    <repository>

      <id>nju</id>

      <url>https://repo.nju.edu.cn/maven/</url>

      <releases>

        <enabled>true</enabled>

      </releases>

      <snapshots>

        <enabled>false</enabled>

      </snapshots>

    </repository>

  </repositories>

</project>
```

gradle-plugin 安装

安装 gradle 插件

gradle 版本: `gradle\wrapper\gradle-wrapper.properties`

distributionUrl: `http://mirror.nju.edu.cn/gradle/gradle-[version].zip`



安装 gradle 插件

- linux 安装:

```
mkdir ~/.gradle
vim ~/.gradle/init.gradle
```

- windows 安装 powershell (或 pwsh) 安装:

```
mkdir ~/.gradle
cd ~/.gradle
notepad init.gradle
```

安装 gradle 插件:

```
allprojects {
    buildscript {
        repositories {
            def NJU_REPOSITORY_URL = 'https://repo.nju.edu.cn/maven/'
            all { ArtifactRepository repo ->
                if (repo instanceof MavenArtifactRepository) {
                    def url = repo.url.toString()
                    if (url.startsWith('https://repo1.maven.org/maven2')) {
                        project.logger.lifecycle "Repository ${repo.url} replaced by $NJU_REPOSITORY_URL."
                        remove repo
                    }
                }
                if (url.startsWith('https://jcenter.bintray.com/')) {
                    project.logger.lifecycle "Repository ${repo.url} deleted."
                    remove repo
                }
            }
        }
    }
}
```

```

        if (url.startsWith('https://dl.google.com/dl/android/maven2/')) {
            project.logger.lifecycle "Repository ${repo.url} deleted."
            remove repo
        }
        if (url.contains('plugins.gradle.org/m2')) {
            project.logger.lifecycle "Repository ${repo.url} deleted."
            remove repo
        }
    }
}

maven { url NJU_REPOSITORY_URL }
mavenLocal()
}

repositories {
    def NJU_REPOSITORY_URL = 'https://repo.nju.edu.cn/maven/'
    all { ArtifactRepository repo ->
        if (repo instanceof MavenArtifactRepository) {
            def url = repo.url.toString()
            if (url.startsWith('https://repo1.maven.org/maven2/')) {
                project.logger.lifecycle "Repository ${repo.url} replaced by $NJU_REPOSITORY_URL."
                remove repo
            }
            if (url.startsWith('https://jcenter.bintray.com/')) {
                project.logger.lifecycle "Repository ${repo.url} deleted."
                remove repo
            }
            if (url.startsWith('https://dl.google.com/dl/android/maven2/')) {
                project.logger.lifecycle "Repository ${repo.url} deleted."
                remove repo
            }
            if (url.contains('plugins.gradle.org/m2')) {
                project.logger.lifecycle "Repository ${repo.url} deleted."
                remove repo
            }
        }
    }
}

maven { url NJU_REPOSITORY_URL }
mavenLocal()

```

```
}  
}
```

gradle --stop gradle daemon



build.gradle :

```
buildscript {  
    repositories {  
        maven { url 'https://repo.nju.edu.cn/maven/' }  
    }  
}  
  
plugins {  
    ...[ gradle ]  
}  
  
allprojects {  
    repositories {  
        maven { url 'https://repo.nju.edu.cn/maven/' }  
    }  
}
```

gradle