Maven

□□□ maven central + gradle-plugin □□□□gradle □ maven □□□□□□□□□□□□□□□□□□□□□

maven □□□□

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- linux □□□□□□□□□□□□:

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

- windows □□□ powershell (□□pwsh□) □□□□□□□

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

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```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>
```

`mirrors` □□□□□□□ (□□ mirrorOf □□□□□□□□□□□□□□)□

```
<mirror>
  <id>nju_mirror</id>
  <mirrorOf>*</mirrorOf>
  <url>https://repo.nju.edu.cn/maven/</url>
</mirror>
```

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`pom.xml` □□□□□□□□

```
<project>
  ......[□□□□]

  <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 □□□□

□□□□□□□ `gradle\wapper\gradle-wrapper.properties` □ `distributionUrl` □ `http://mirror.nju.edu.cn/gradle/gradle-[version].zip` □□□□□□□

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□□□□□□□□□□□□□□□□□ gradle □□□□□□□□□□□□□□□:

- linux □□□□□□□□□□□□:

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

- windows □□□ powershell (□□pwsh□) □□□□□□:

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

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```
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()
  }
}
```

可以尝试运行 `gradle --stop` 来杀掉所有 gradle 的 daemon，然后重新构建。

附录

在 `build.gradle` 中配置：

```
buildscript {
  repositories {
    maven { url 'https://repo.nju.edu.cn/maven/' }
  }
}



plugins {
  ...[此处省略 gradle 插件]
}

allprojects {
  repositories {
    maven { url 'https://repo.nju.edu.cn/maven/' }
  }
}
```

这样就可以使用南京大学的 gradle 镜像

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