

ACCESO A DATOS

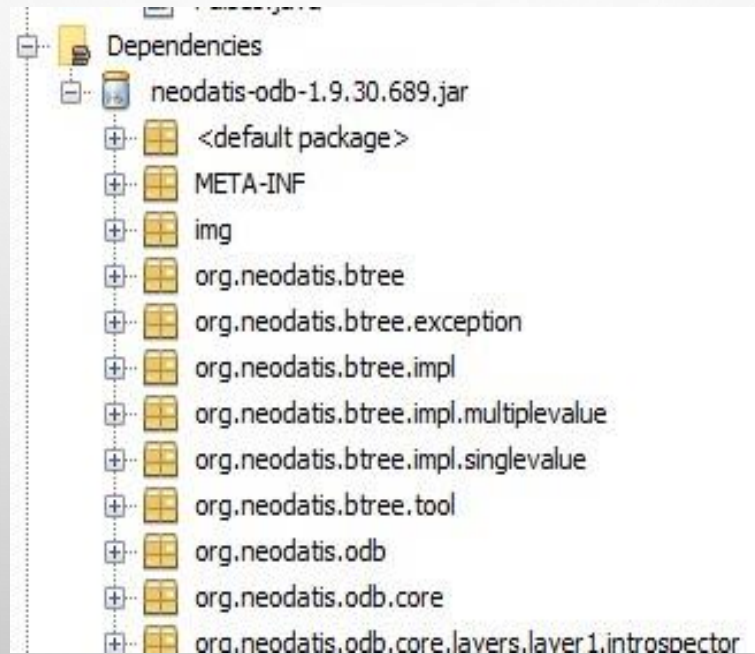
MavenTM

ÍNDICE

- ☐ Introducción
- ☐ Configuración básica

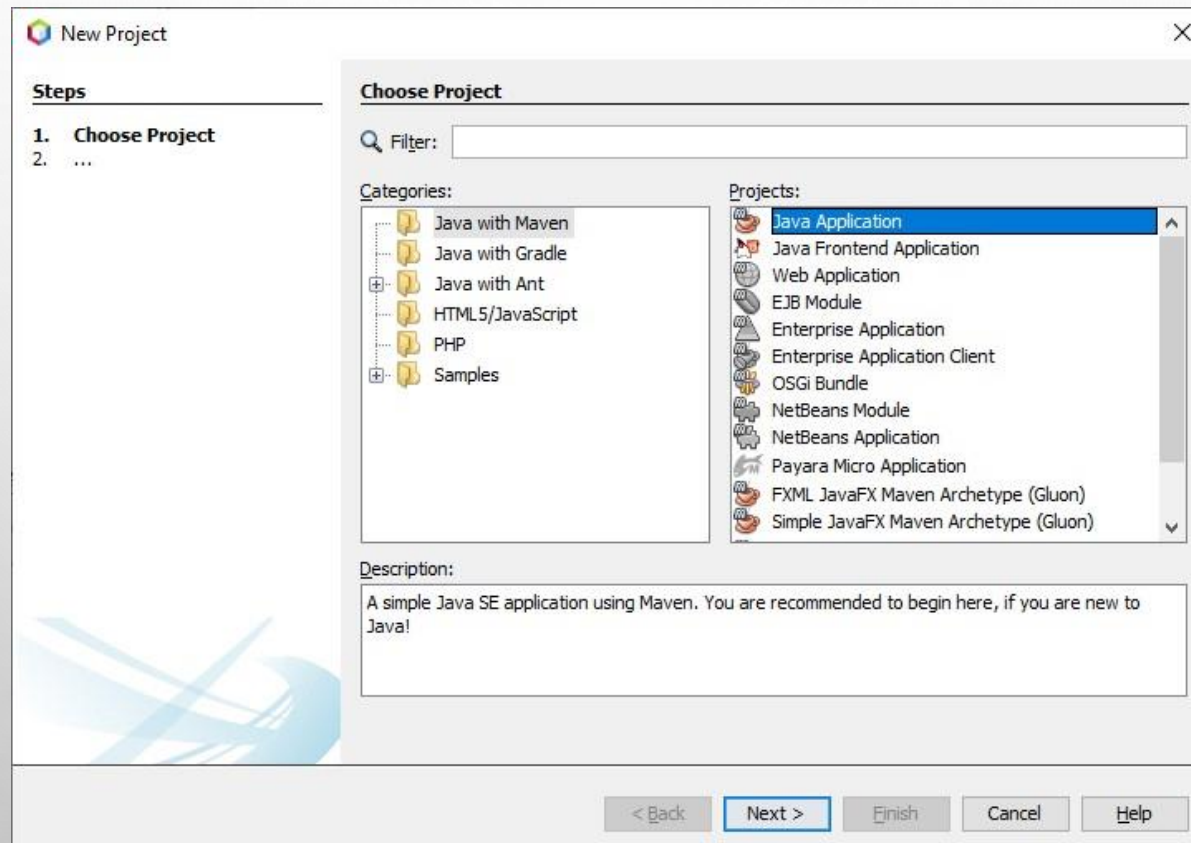
INTRODUCCIÓN

- APACHE MAVEN -> TODAS LAS LIBRERÍAS EN EL ORDENADOR (SIN TENER QUE AÑADIRLAS A MANO)
- SEMEJANTE - GESTIÓN DE PAQUETES LINUX



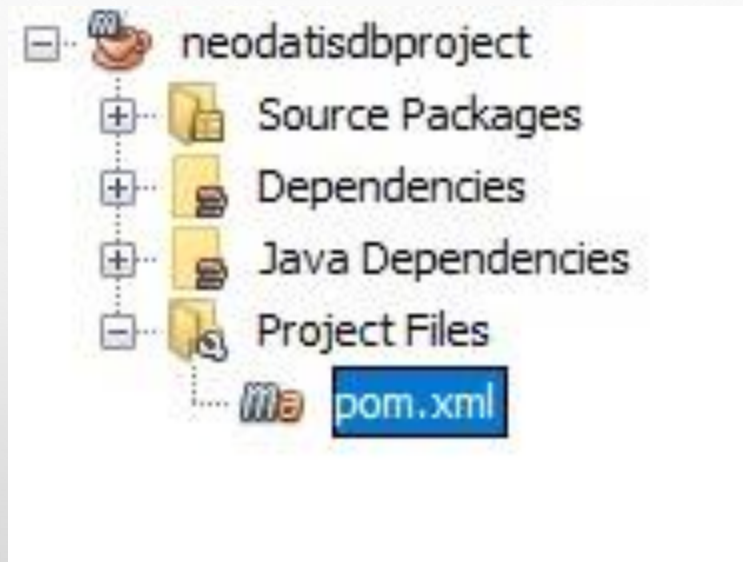
CONFIGURACIÓN

☐ MENÚ DE NETBEANS / NUEVO PROYECTO MAVEN



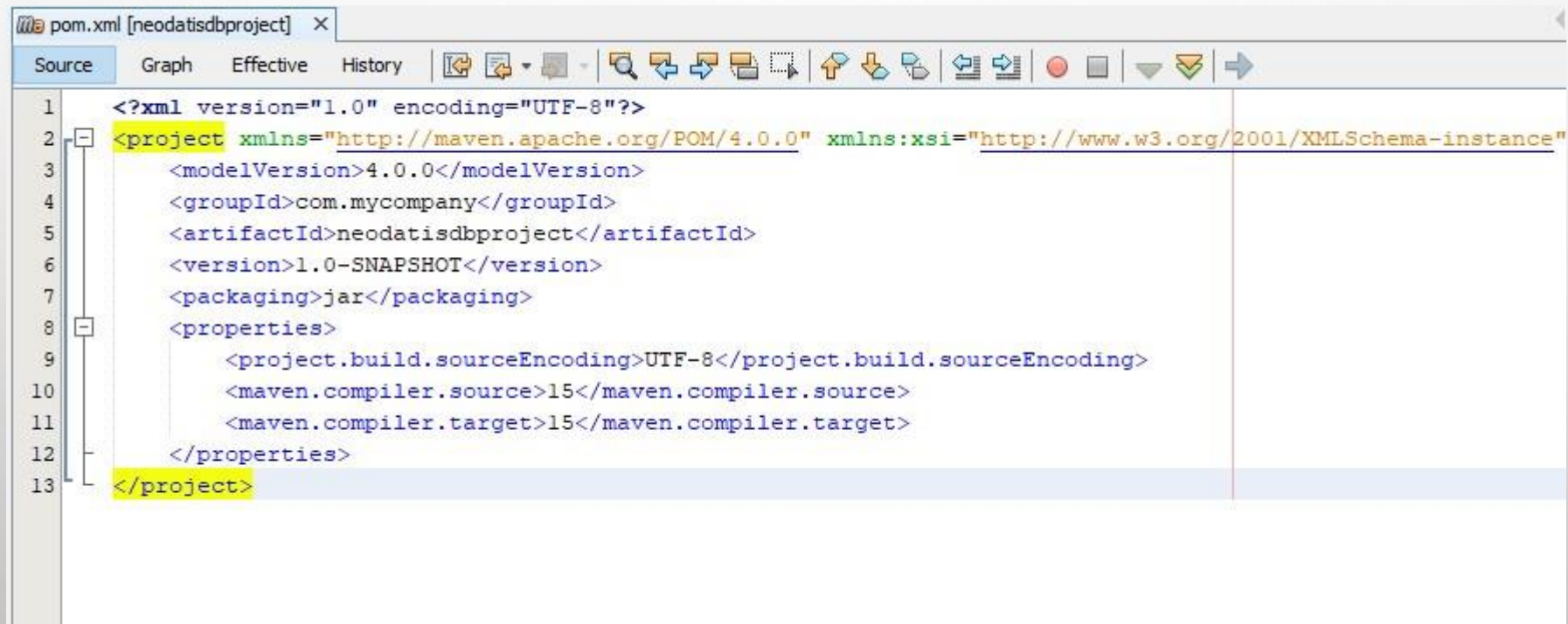
CONFIGURACIÓN

- ❑ FICHERO DE CONFIGURACIÓN POM.XML. UBICADO DENTRO DE LA CARPETA PROJECT FILES



CONFIGURACIÓN

□ ABRIMOS EL FICHERO POM.XML Y VEMOS SU CONTENIDO INICIAL (POR DEFECTO)



The screenshot shows an IDE window titled 'pom.xml [neodatisdbproject]'. The 'Source' tab is active, displaying the XML content of the file. The code is as follows:

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
3     <modelVersion>4.0.0</modelVersion>
4     <groupId>com.mycompany</groupId>
5     <artifactId>neodatisdbproject</artifactId>
6     <version>1.0-SNAPSHOT</version>
7     <packaging>jar</packaging>
8     <properties>
9         <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
10        <maven.compiler.source>15</maven.compiler.source>
11        <maven.compiler.target>15</maven.compiler.target>
12    </properties>
13 </project>
```

AÑADIR REPOSITORIOS

□ AÑADIR REPOSITORIOS -> WEB REPOSITORIOS QUE ESTÁ EN:

[HTTPS://WWW.MVNREPOSITORY.COM](https://www.mvnrepository.com)

□ BUSCAMOS LO QUE DESEAMOS Y SELECCIONAMOS LA ÚLTIMA VERSIÓN DISPONIBLE.

□ COPIAMOS EL CÓDIGO XML CORRESPONDIENTE A MAVEN

The screenshot shows the Maven Repository website. The main content area displays the page for the NeoDatis Object Database, version 1.9.30.689. The page includes a search bar at the top, a sidebar with popular categories, and a main content area with a table of metadata and a code snippet for the Maven dependency.

Search for groups, artifacts, categories

Indexed Artifacts (18.8M)

Popular Categories

- Aspect Oriented
- Actor Frameworks
- Application Metrics
- Build Tools
- Bytecode Libraries
- Command Line Parsers
- Cache Implementations
- Cloud Computing
- Code Analyzers
- Collections
- Configuration Libraries
- Core Utilities
- Date and Time Utilities
- Dependency Injection

Home » org.neodatis.odb » neodatis-odb » 1.9.30.689

NeoDatis Object Database » 1.9.30.689

The NeoDatis Object Database

License	LGPL
HomePage	http://www.neodatis.org
Date	(Nov 10, 2010)
Files	pom (626 bytes) jar (753 KB) View All
Repositories	Central Spring Plugins
Used By	16 artifacts

Maven [Gradle](#) [SBT](#) [Ivy](#) [Grape](#) [Leiningen](#) [Buildr](#)

```
<!-- https://mvnrepository.com/artifact/org.neodatis.odb/neodatis-odb -->
<dependency>
  <groupId>org.neodatis.odb</groupId>
  <artifactId>neodatis-odb</artifactId>
  <version>1.9.30.689</version>
</dependency>
```

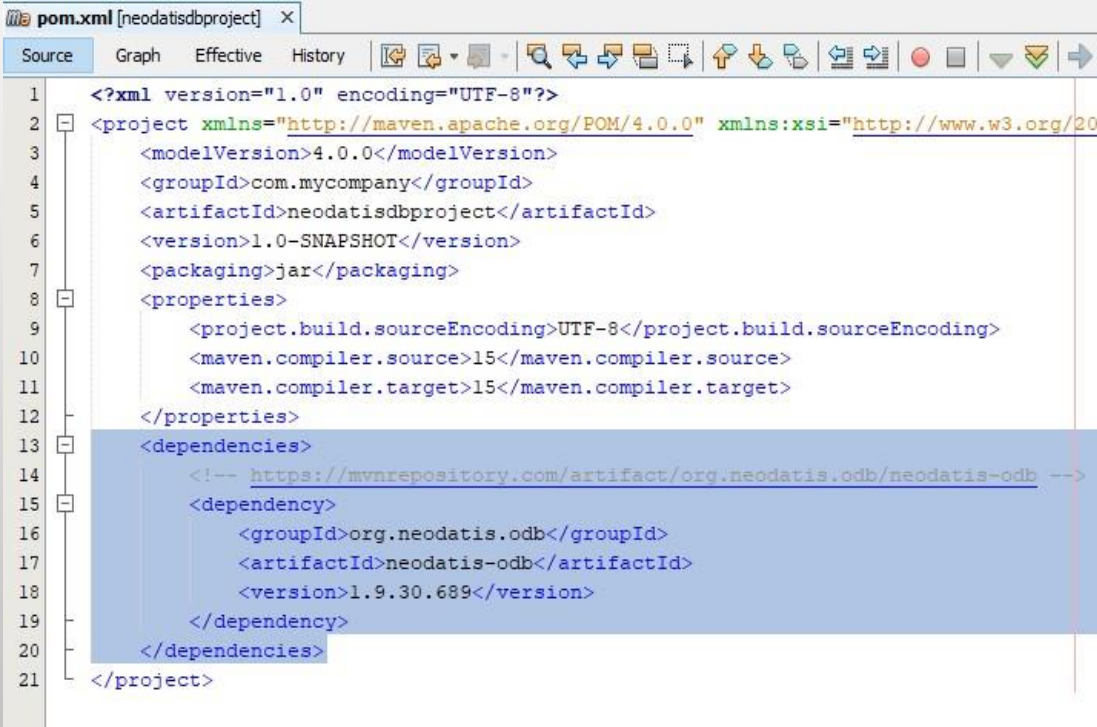
Ctrl + C

Ctrl + P

Ctrl + Mayús + I

AÑADIR REPOSITORIOS

- ☐ FICHERO DE CONFIGURACIÓN POM.XML Y PEGAMOS EL CONTENIDO DENTRO DE LAS ETIQUETAS <DEPENDENCIES> </DEPENDENCIES>.
- ☐ SI EL PROYECTO ES NUEVO – HABRÁ QUE ESCRIBIR ESOS DOS TAGS Y, EN MEDIO, PEGAR EL CÓDIGO DE LA WEB DE MVNREPOSITORY.

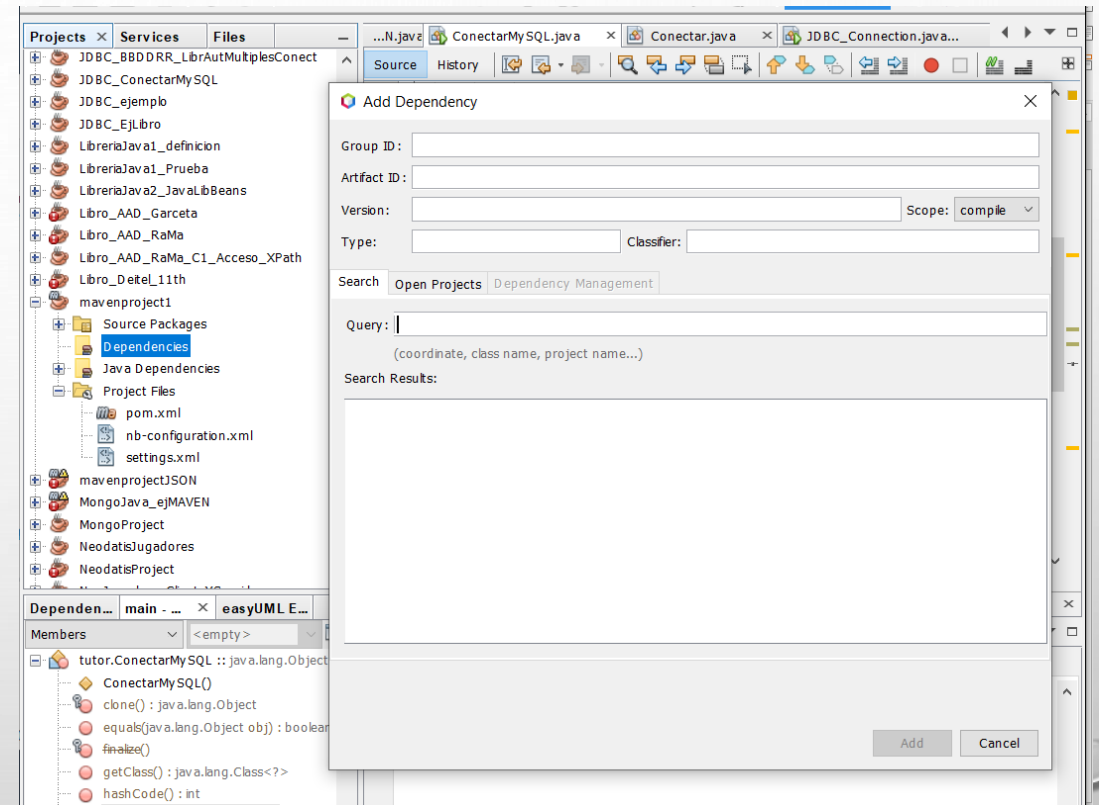
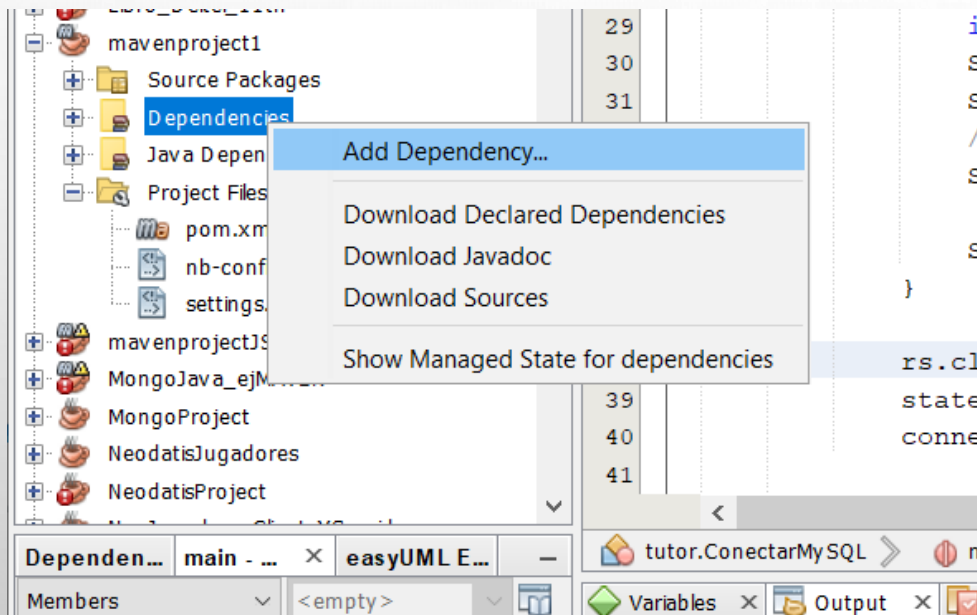


The screenshot shows an IDE window titled 'pom.xml [neodatisdbproject]'. The 'Source' tab is active, displaying the XML content of the pom.xml file. The code is as follows:

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
3   <modelVersion>4.0.0</modelVersion>
4   <groupId>com.mycompany</groupId>
5   <artifactId>neodatisdbproject</artifactId>
6   <version>1.0-SNAPSHOT</version>
7   <packaging>jar</packaging>
8   <properties>
9     <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
10    <maven.compiler.source>15</maven.compiler.source>
11    <maven.compiler.target>15</maven.compiler.target>
12  </properties>
13  <dependencies>
14    <!-- https://mvnrepository.com/artifact/org.neodatis.odbc/neodatis-odbc -->
15    <dependency>
16      <groupId>org.neodatis.odbc</groupId>
17      <artifactId>neodatis-odbc</artifactId>
18      <version>1.9.30.689</version>
19    </dependency>
20  </dependencies>
21 </project>
```

The dependency block starting at line 15 is highlighted in blue. The IDE interface includes a toolbar with various icons for file operations and a line number margin on the left.

AÑADIR REPOSITORIOS



TODO LISTO!

❑ YA SE PUEDE TRABAJAR CON ESAS LIBRERÍAS AÑADIDAS POR MEDIO DE CÓDIGO XML Y HACER EL BUILD PROJECT.

❑ CUANDO SE HAGA POR PRIMERA VEZ, NOS DESCARGARÁ LAS DEPENDENCIAS QUE NO TENGA EN EL DISCO DURO DESDE LA WEB DE MVNREPOSITORY.COM

MAVEN REPOSITORY: SEARCH/BROWSE/EXPLORE (MVNREPOSITORY.COM)



The screenshot shows an IDE window with a tab titled "Output - Build (neodatisdbproject)". The window displays the output of a Maven build process, showing the download of various dependencies from the central repository. The output is as follows:

```
project > dependencies >
Output - Build (neodatisdbproject) X
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/reporting/maven-reporting-impl/2.0.0/maven-reporting-impl-2.0.0.jar
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/doxia/doxia-core/1.0/doxia-core-1.0.pom
Progress (1): 2.4 kB

Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/doxia/doxia-core/1.0/doxia-core-1.0.pom (2.4 kB)
Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/1.5.7/plexus-utils-1.5.7.pom
Progress (1): 2.7/8.1 kB
Progress (1): 5.5/8.1 kB
Progress (1): 8.1 kB

Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/1.5.7/plexus-utils-1.5.7.pom (8.1 kB)
Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-container-default/1.0-alpha-30/plexus-container-default-1.0-alpha-30.pom
Progress (1): 2.7/3.5 kB
Progress (1): 3.5 kB

Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-container-default/1.0-alpha-30/plexus-container-default-1.0-alpha-30.pom (3.5 kB)
Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-containers/1.0-alpha-30/plexus-containers-1.0-alpha-30.pom
Progress (1): 1.9 kB
```