

- Some tricks
  - Add dependency to a jar in a file system
  - Connect to svn and add revision number to the manifest

## Some tricks

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### Add dependency to a jar in a file system

```
<dependency>
  <groupId>sample</groupId>
  <artifactId>com.sample</artifactId>
  <version>1.0</version>
  <scope>system</scope>

  <systemPath>${project.basedir}/src/main/resources/yourJar.jar</systemPath>
</dependency>
```

### Connect to svn and add revision number to the manifest

```
<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
    http://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <parent>
    <groupId>com.example</groupId>
    <artifactId>example-parent</artifactId>
    <version>1</version>
  </parent>
  <groupId>com.example</groupId>
  <artifactId>ExampleCore</artifactId>
  <version>1.0.1</version>
  <packaging>jar</packaging>
  <scm>

    <connection>scm:svn:svn://host:port/products/core/fx/ExampleCore/trunk</con
    nection>

    <developerConnection>scm:svn:svn://host:port/products/core/fx/ExampleCore/t
    runk</developerConnection>
    <tag>HEAD</tag>

    <url>scm:svn:svn://host:port/products/core/fx/ExampleCore/trunk</url>
    </scm>
  <build>
    <finalName>ExampleCore</finalName>
```

```

<plugins>
  <!--
    Collect dependencies to build directory. These classes will be
included in the jar.
    But exclude transitive dependencies. Copy only com.example
  -->
  <plugin>
    <groupId>org.apache.maven.plugins</groupId>
    <artifactId>maven-dependency-plugin</artifactId>
    <version>2.8</version>
    <executions>
      <execution>
        <id>unpack-dependencies</id>
        <phase>prepare-package</phase>
        <goals>
          <goal>unpack-dependencies</goal>
        </goals>
        <configuration>

<outputDirectory>${project.build.outputDirectory}</outputDirectory>
          <excludeTransitive>true</excludeTransitive>
          <includeGroupIds>
            com.example
          </includeGroupIds>
          <excludeTypes>pom</excludeTypes>
        </configuration>
      </execution>
    </executions>
  </plugin>
  <plugin>
    <groupId>org.apache.maven.plugins</groupId>
    <artifactId>maven-jar-plugin</artifactId>
    <version>2.4</version>
    <configuration>
      <archive>
        <manifest>
          <classpathPrefix>lib/</classpathPrefix>
          <addClasspath>true</addClasspath>

<classpathLayoutType>custom</classpathLayoutType>

<customClasspathLayout>${artifact.artifactId}.${artifact.extension}
</customClasspathLayout>
        </manifest>
        <manifestEntries>
          <SCM-Revision>${buildNumber}</SCM-Revision>
        </manifestEntries>
      </archive>
    </configuration>
  </plugin>
  <plugin>
    <groupId>org.codehaus.mojo</groupId>
    <artifactId>buildnumber-maven-plugin</artifactId>
    <version>1.4</version>

```

```

        <executions>
            <execution>
                <phase>validate</phase>
                <goals>
                    <goal>create</goal>
                </goals>
            </execution>
        </executions>
        <configuration>
            <doCheck>false</doCheck>
            <doUpdate>true</doUpdate>
            <providerImplementations>
                <svn>javasvn</svn>
            </providerImplementations>
            <username>${svnLogin}</username>
            <password>${svnPassword}</password>
        </configuration>
    </plugin>
</plugins>
</build>

<dependencies>
    <dependency>
        <groupId>com.google.code.maven-scm-provider-svnjava</groupId>
        <artifactId>maven-scm-provider-svnjava</artifactId>
        <version>2.1.0</version>
    </dependency>
</dependencies>
<properties>
    <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
    <maven.compiler.source>1.8</maven.compiler.source>
    <maven.compiler.target>1.8</maven.compiler.target>
</properties>
</project>

```