

How to check Java JAR JDBC / ODBC version on Linux / Unix and Windows server

Author : admin



If you're forced to update some **Java based Web application using Java + Tomcat / WebSphere / Weblogic** it is a common thing that the **Java App developer** handed to you **will ask you which version is the Oracle JDBC / ODBC driver on current Java Virtual Machine version installed.**

Actually there are *few methods to check Java JDBC / ODBC version*:

1. Check Java ODBC version greeping it in WEB-INF/MANIFEST.MF

Usually the *.jar file comes archived in a .ZIP* - i.e. **application-name5.zip**

```
server:~# unzip application-name5.zip
```

Then if the *.zip file contains the OJDBC as a .JAR extension - (Java Archive), inflate it with jar tool.*

```
server:~# jar -xvf ojdbc7.jar META-INF/MANIFEST.MF
```

inflated: META-INF/MANIFEST.MF

```
server:~# grep Implementation META-INF/MANIFEST.MF  
Implementation-Vendor: Oracle Corporation  
Implementation-Title: JDBC  
Implementation-Version: 12.1.0.1.0
```

Alternative way to check the info (if you don't have java or jar installed on the Linux / Unix machine) is simply with unzip + grep like so:

```
server:~# unzip -p ojdbc14.jar META-INF/MANIFEST.MF | grep -C 1 version
```

```
Manifest-Version: 1.0  
Implementation-Version: "Oracle JDBC Driver version - 10.1.0.5.0"  
Specification-Title: "Oracle JDBC driver classes for use with JDK1.4"  
Specification-Version: "Oracle JDBC Driver version - 10.1.0.5.0"  
Implementation-Title: "ojdbc14.jar"
```

If you're on a Windows (and you have Windows server **grep.exe** installed), use instead:

```
C:\jar> unzip -p ojdbc14.jar META-INF/MANIFEST.MF | grep -C version
```

2. Getting some info with Java JRE tool

You can check some useful Java version info also just with *Java Runtime Environment (java) tool*

```
server:~# java -jar ojdbc5.jar
```

Oracle 11.1.0.7.0-Production JDBC 3.0 compiled with JDK5