

README for the HP JDBC Type 4 Driver

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This README file describes how to install and set up the HP JDBC Type 4 Driver. Use this driver to access HP Neoview SQL databases on the HP Neoview Data Warehousing Platform for Business Intelligence.

For legal notices, see the end of this document.

HP JDBC Type 4 Driver

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I. The Installation Package

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The JDBC client software is available as a downloadable TAR file, `hpt4jdbc.tar`, on this Web site:

<http://www.software.hp.com>

Then enter the following string in the Search box:

Neoview JDBC

II. Installing the HP JDBC Type 4 Driver

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1. Locate or create a directory or folder for the TAR file anywhere on the client workstation.
2. Close all applications running on the workstation, except the Web browser.
3. In the browser, navigate to the download site:

<http://www.software.hp.com>

Then enter the following string in the Search box:

Neoview JDBC

4. Click the HP JDBC T4 Driver link on the download site to download the TAR file.
5. When prompted to open or save the TAR file to your computer, click Save and then select the folder in Step 1.
6. Dearchive the hpt4jdbc.tar file using the tar command (or the WinZip Extract tool):

```
tar -xvf hpt4jdbc.tar
```

The command creates these directories:

```
samples/ -- contains sample programs
lib/     -- contains the hpt4jdbc.jar file
install/ -- contains sanityCheck and UnInstall
```

7. Set up the client environment. See Section IV.

III. Reinstalling the HP JDBC Type 4 Driver

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1. Close all applications running on the workstation, except the Web browser.
2. In the browser, navigate to the download site:

```
http://www.software.hp.com
```

Then enter the following string in the Search box:

Neoview JDBC

3. Download and save the new TAR file to the directory where you had previously installed the driver.
4. Dearchive the hpt4jdbc.tar file using the tar command (or the WinZip Extract tool):

```
tar -xvf hpt4jdbc.tar
```

The command creates these directories:

```
samples/ -- contains sample programs
lib/     -- contains the hpt4jdbc.jar file
install/ -- contains sanityCheck and UnInstall
```

5. Set up the client environment. See Section IV.

IV. Setting Up the Client Environment

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To set up the client environment, enter one of these groups of

commands at a command prompt.

On Windows:

```
set JAVA_HOME=<your JDK directory>
set PATH=%PATH%;%JAVA_HOME%\bin
set CLASSPATH=%CLASSPATH%;<type 4 home>\lib\hpt4jdbc.jar;
```

On HP-UX, Solaris, or Linux:

```
export JAVA_HOME=<your JDK directory>
export PATH=$PATH:$JAVA_HOME/bin
export CLASSPATH=$CLASSPATH:<type 4 home>/lib/hpt4jdbc.jar:
```

<type 4 home> is the directory where you downloaded the HP JDBC type 4 driver.

V. Getting the Version of the Driver

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These steps print version procedure (vproc) information on the terminal:

1. Change to the directory where you installed the HP JDBC Type 4 Driver:

```
cd <your type 4 home>/lib
```

<your type 4 home> is the directory where you installed the Type 4 driver.

2. Enter this command to return version information:

```
java -jar hpt4jdbc.jar
```

VI. Configuring Applications

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Edit the hpt4jdbc.properties file. Set these values for your environment:

```
catalog:      Neo SQL catalog -- must exist in the Neo SQL database on the
               database platform.

schema:       Neo SQL schema -- must exist in the Neo SQL database on the
               database platform.

user:         Database platform user name
password:     Database platform text password
url:          jdbc:hpt4jdbc://<machine_name>:<port_number>/:
```

<machine_name> is the IP address or name of the database platform, and <port_number> is the location where Neoview Data Connectivity Services (NDCS) is running.

Example of an hpt4jdbc.properties file:

```
catalog = NEO
schema  = <your schema>
user    = <username>
password = <password>
url     = jdbc:hpt4jdbc://<NDCS host>:<NDCS port>/:
```

VII. JDBC API Reference

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For more information about the JDBC external specification, see the Sun Microsystems pages:

<http://java.sun.com/j2se/1.4.2/docs/guide/jdbc/index.html>.
The Java Database Connectivity web page.

For more information about the HP JDBC Type 4 Driver, see the "Neoview JDBC Type 4 Driver Programmer's Reference" and the "Neoview JDBC Type 4 Driver API Reference."

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