

README for the HP Neoview JDBC Type 4 Driver



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Checking Version Compatibility

Before installing the client product, check the compatibility of the product with the Neoview platform.

Neoview Release of the Client Product	Client Product Name	Compatible versions of the Neoview platform
2.0	JDBC Type 4 Driver	All versions up to, but not including, Neoview Release 2.2
2.1	JDBC Type 4 Driver	All versions up to, but not including, Neoview Release 2.2
2.2	JDBC Type 4 Driver	Neoview Release 2.2 and later versions
2.3	JDBC Type 4 Driver	Neoview Release 2.2 and later versions
2.4	JDBC Type 4 Driver	Neoview Release 2.2 and later versions

Getting the Version of an Installed Client Product

If you already have the driver installed on your workstation, follow these steps to print version procedure (vproc) information on the terminal:

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

- On Windows:
`cd <your type 4 home>\lib`
- On HP-UX, Solaris, or Linux:
`cd <your type 4 home>/lib`

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

2. Enter this command to return version information:

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

Installation for Neoview Release 2.4

These installation instructions apply to Neoview Release 2.4 and subsequent updates of the product until otherwise indicated by a replacement README.



NOTE: These instructions do not necessarily apply to updates earlier than the client update number shown on the title page of this document.

- Installation Package
- Installation Requirements
- Installation Instructions

Installation Package

The HP Neoview JDBC Type 4 Driver software is available in two forms:

- As a downloadable TAR file, `hpt4jdbc_2.4.<v>.tar`
- As a self-extracting JAR file, `hpt4jdbc_2.4.<v>.zip`

Note that you do *not* need WinZip installed on your workstation to install the driver from self-extracting JAR file.

Distribution File	Supported Platform	File Contents
hpt4jdbc_2.4.<v>.tar or hpt4jdbc_2.4.<v>.zip	Windows, HP-UX, Solaris, or Linux	hpt4jdbcSanityCheck.class hpt4jdbcUninstall.class hpt4jdbc.jar DBMetaSample.java hpt4jdbc.properties PreparedStatementSample.java product.contents Readme (five, one for each sample set) ResultSetSample.java sampleUtils.java StatementSample.java

By default, a new version of the JDBC Type 4 driver will be installed in these directories unless you specify different directories during installation:

- /install
- /lib
- /samples/DBMetaSample
- /samples/PreparedStatementSample
- /samples/ResultSetSample
- /samples/StatementSample
- /samples/common

Installation Requirements

The HP Neoview JDBC Type 4 Driver requires Java enabled platforms that support the Sun Microsystems Java Development Kit (JDK) 1.4.1 or higher.

Installation Instructions

Downloading the JDBC Type 4 Driver

1. Locate or create a download directory or folder for the TAR or self-extracting JAR 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: www.software.hp.com.
4. Enter this string in the Search box:
"Neoview JDBC"
5. Click the HP Neoview JDBC Type 4 Driver link on the download site to download the TAR or JAR file.
6. When prompted to open or save the download file to your computer, click Save and then select the download folder.

Installing the JDBC Type 4 Driver from the TAR File (hpt4jdbc_2.4.<v>.tar)

1. Dearchive the hpt4jdbc_2.4.<v>.tar file by using the tar command (or the WinZip Extract tool):

```
tar -xvf hpt4jdbc_2.4.<v>.tar
```

The command creates these directories:
 - samples/, which contains sample programs
 - lib/, which contains the hpt4jdbc.jar file
 - install/, which contains sanityCheck and UnInstall
2. Set up the client environment. See [Setting Up the Client Environment](#).

Installing the JDBC Type 4 Driver from the JAR File (hpt4jdbc_2.4.<v>.zip)

1. Run the installer by using the jar command. You can specify the pathname of the install directory, shown here as <type 4 home>, as an optional parameter:

```
java.exe -jar hpt4jdbc_2.4.<v>.zip <type 4 home>
```

For example:

```
java.exe -jar hpt4jdbc_2.4.3.zip C:\JDBC
```
2. If you include the install directory in the jar command, the installer displays a message indicating that it is extracting files to that directory, for example:

```
Extracting files to C:\JDBC
```

If you do not include the install directory in your jar command, the installer displays the following prompt:

```
Specify install directory or hit <enter> to use default.  
The default directory is C:\Program Files\Hewlett-Packard\Neoview JDBC.  
The installer lists the files as they are extracted and reports when the operation is complete.
```
3. Set up the client environment. See [Setting Up the Client Environment](#).

Reinstalling the JDBC Type 4 Driver

1. Close all applications running on the workstation, except the Web browser.
2. In the browser, navigate to the download site: www.software.hp.com.
3. Enter this string in the Search box:
"Neoview JDBC"
4. Download and save the new TAR or JAR file to the directory or folder where you had previously downloaded the driver.
5. Dearchive the hpt4jdbc_2.4.<v>.tar file by following the instructions in "Installing the JDBC Type 4 Driver from the TAR File (hpt4jdbc_2.4.<v>.tar)" (page 7), or dearchive the hpt4jdbc_2.4.<v>.zip file by following the instructions in "Installing the JDBC Type 4 Driver from the JAR File (hpt4jdbc_2.4.<v>.zip)" (page 7).
6. Set up the client environment. See [Setting Up the Client Environment](#).

Setting Up the Client Environment

To set up the client environment, enter one of these groups of commands at a command prompt, replacing <your JDK directory> with the location of your Java Development Kit and <type 4 home> with the name of the directory where you downloaded the JDBC Type 4 driver.:

- 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:
```

Configuring Applications

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

- `catalog`: The catalog name must be NEO.
- `schema`: Specify a schema that exists in the Neoview database.
- `user`: Specify the name of a user who will be accessing the Neoview database.
- `password`: Specify the password of a user who will be accessing the Neoview database.
- `url`: Specify this string:

```
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 Database Connectivity Service (NDCS) is running.

Example of an `hpt4jdbc.properties` file:

```
catalog = NEO
```

```
schema = <your schema>
```

```
user = <user name>
```

```
password = <password>
```

```
url = jdbc:hpt4jdbc://<NDCS host>:<NDCS port>/:
```

Related Product Documentation

For more information about the JDBC Type 4 driver, see these documents:

- *HP Neoview JDBC Type 4 Driver Programmer's Reference*
- *HP Neoview JDBC Type 4 Driver API Reference*

These documents are available on the Business Intelligence Solutions page: <http://docs.hp.com/en/busintellsol.html>. The README is also available for downloading with the product.

