

README for the HP Neoview JDBC Type 4 Driver (R2.3.1)

Part number: 546129-001

Product version: HP Neoview Release 2.3, Update 1

Date: June 2008

Copyright (c) 2008 Hewlett-Packard Development Company, L.P.

Legal Notice

The computer program listings, specifications, and documentation herein are the property of Hewlett-Packard Development Company, L.P. or a third-party supplier and shall not be reproduced, copied, disclosed, or used in whole or in part for any reason without the prior express written permission of Hewlett-Packard Development Company, L.P.

Table of Contents

1.1 Checking Version Compatibility

1.1.1 Getting the Version of the Driver

1.2 Installation for Neoview Release 2.3, Update 1

1.2.1 Installation Package

1.2.2 Installation Requirements

1.2.3 Installation Instructions

1.3 Related Product Documentation

1.1 Checking Version Compatibility

Before installing the driver, check the compatibility of the driver with the Neoview platform.

Driver version	Compatible versions of the Neoview platform
Neoview Release 2.0 driver	All versions up to, but not including, Neoview Release 2.2
Neoview Release 2.1 driver	All versions up to, but not including, Neoview Release 2.2
Neoview Release 2.2 driver	Neoview Release 2.2 and later versions
Neoview Release 2.3 driver	Neoview Release 2.3 and later versions

For information about avoiding driver and Neoview platform version incompatibility, see the HP Neoview JDBC Type 4 Driver Programmer's Reference at <http://docs.hp.com/en/busintellsol.html>.

1.1.1 Getting the Version of the Driver

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

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

- o On Windows:

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

- o 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
```

1.2 Installation for Neoview Release 2.3, Update 1

- o Installation Package
- o Installation Requirements
- o Installation Instructions

1.2.1 Installation Package

The HP Neoview JDBC Type 4 Driver software is available as a downloadable TAR file, hpt4jdbc_<v.v[v].v>.tar.

Distribution File	Supported Platform	File Contents
hpt4jdbc_<v.v[v].v>.tar	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:

- o /install

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

1.2.2 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.

1.2.3 Installation Instructions

1.2.3.1 Installing the JDBC Type 4 Driver

1. Locate or create a download 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: 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 file.
6. When prompted to open or save the TAR file to your computer, click Save and then select the download folder.
7. Dearchive the `hpt4jdbc_<v.v[v].v>.tar` file by using the tar command (or the WinZip Extract tool):

```
tar -xvf hpt4jdbc_<v.v[v].v>.tar
```

The command creates these directories:

- o samples/, which contains sample programs
 - o lib/, which contains the `hpt4jdbc.jar` file
 - o install/, which contains `sanityCheck` and `UnInstall`
8. Set up the client environment. See [Setting Up the Client Environment](#).

1.2.3.2 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 file to the directory or folder where you had previously downloaded the driver.
5. Dearchive the `hpt4jdbc_<v.v[v].v>.tar` file by using the tar command (or the WinZip Extract tool):

```
tar -xvf hpt4jdbc_<v.v[v].v>.tar
```

The command creates these directories:

- o `samples/`, which contains sample programs
 - o `lib/`, which contains the `hpt4jdbc.jar` file
 - o `install/`, which contains `sanityCheck` and `UnInstall`
6. Set up the client environment. See [Setting Up the Client Environment](#).

1.2.3.3 Setting Up the Client Environment

To set up the client environment, enter one of these groups of commands at a command prompt:

- o On Windows:

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

- o 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 JDBC Type 4 driver.

1.2.3.4 Configuring Applications

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

- o `catalog`: The catalog name must be NEO.

- o schema: Specify a schema that exists in the Neoview database.
- o user: Specify the name of a user who will be accessing the Neoview database.
- o password: Specify the password of a user who will be accessing the Neoview database.
- o 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>/:
```

1.3 Related Product Documentation

For more information about the JDBC Type 4 driver, see the HP Neoview JDBC Type 4 Driver Programmer's Reference. This manual is available on the Business Intelligence Solutions page of docs.hp.com:
<http://docs.hp.com/en/busintellsol.html>.