

README for the HP Neoview JDBC Type 4 Driver



HP Part Number: 546515-001
Published: October 2008
Edition: HP Neoview Release 2.3 Service Pack 2 (Client Update 2 for Release 2.3)

© Copyright 2008 Hewlett-Packard Development Company, L.P.

Legal Notice

Confidential computer software. Valid license from HP required for possession, use or copying. Consistent with FAR 12.211 and 12.212, Commercial Computer Software, Computer Software Documentation, and Technical Data for Commercial Items are licensed to the U.S. Government under vendor's standard commercial license.

The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Export of the information contained in this publication may require authorization from the U.S. Department of Commerce.

Microsoft, Windows, and Windows NT are U.S. registered trademarks of Microsoft Corporation.

Intel, Pentium, and Celeron are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

Java is a U.S. trademark of Sun Microsystems, Inc.

Motif, OSF/1, UNIX, X/Open, and the "X" device are registered trademarks, and IT DialTone and The Open Group are trademarks of The Open Group in the U.S. and other countries.

Open Software Foundation, OSF, the OSF logo, OSF/1, OSF/Motif, and Motif are trademarks of the Open Software Foundation, Inc. OSF MAKES NO WARRANTY OF ANY KIND WITH REGARD TO THE OSF MATERIAL PROVIDED HEREIN, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. OSF shall not be liable for errors contained herein or for incidental consequential damages in connection with the furnishing, performance, or use of this material.

© 1990, 1991, 1992, 1993 Open Software Foundation, Inc. The OSF documentation and the OSF software to which it relates are derived in part from materials supplied by the following: © 1987, 1988, 1989 Carnegie-Mellon University. © 1989, 1990, 1991 Digital Equipment Corporation. © 1985, 1988, 1989, 1990 Encore Computer Corporation. © 1988 Free Software Foundation, Inc. © 1987, 1988, 1989, 1990, 1991 Hewlett-Packard Company. © 1985, 1987, 1988, 1989, 1990, 1991, 1992 International Business Machines Corporation. © 1988, 1989 Massachusetts Institute of Technology. © 1988, 1989, 1990 Mentat Inc. © 1988 Microsoft Corporation. © 1987, 1988, 1989, 1990, 1991, 1992 SecureWare, Inc. © 1990, 1991 Siemens Nixdorf Informationssysteme AG. © 1986, 1989, 1996, 1997 Sun Microsystems, Inc. © 1989, 1990, 1991 Transarc Corporation. OSF software and documentation are based in part on the Fourth Berkeley Software Distribution under license from The Regents of the University of California. OSF acknowledges the following individuals and institutions for their role in its development: Kenneth C.R.C. Arnold, Gregory S. Couch, Conrad C. Huang, Ed James, Symmetric Computer Systems, Robert Elz. © 1980, 1981, 1982, 1983, 1985, 1986, 1987, 1988, 1989 Regents of the University of California.

Table of Contents

Checking Version Compatibility.....	5
Getting the Version of an Installed Client Product.....	5
Installation for Neoview Release 2.3.....	5
Installation Package.....	6
Installation Requirements.....	6
Installation Instructions.....	6
Installing the JDBC Type 4 Driver.....	6
Reinstalling the JDBC Type 4 Driver.....	7
Setting Up the Client Environment.....	7
Configuring Applications.....	7
Related Product Documentation.....	8

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 2.3 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 2.3

These installation instructions apply to Neoview Release 2.3 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 as a downloadable TAR file, `hpt4jdbc_2.3.<v>.tar`.

Distribution File	Supported Platform	File Contents
<code>hpt4jdbc_2.3.<v>.tar</code>	Windows, HP-UX, Solaris, or Linux	<code>hpt4jdbcSanityCheck.class</code> <code>hpt4jdbcUninstall.class</code> <code>hpt4jdbc.jar</code> <code>DBMetaSample.java</code> <code>hpt4jdbc.properties</code> <code>PreparedStatementSample.java</code> <code>product.contents</code> Readme (five, one for each sample set) <code>ResultSetSample.java</code> <code>sampleUtils.java</code> <code>StatementSample.java</code>

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

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_2.3.<v>.tar` file by using the tar command (or the WinZip Extract tool):

```
tar -xvf hpt4jdbc_2.3.<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`

8. 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 file to the directory or folder where you had previously downloaded the driver.
5. Dearchive the `hpt4jdbc_2.3.<v>.tar` file by using the `tar` command (or the WinZip Extract tool):

```
tar -xvf hpt4jdbc_2.3.<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`
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:

- 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 JDBC Type 4 driver.

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.

