

# webMethods JDBC Adapter 6.5 Readme

**December 2006**

This file contains important information you must read before using webMethods JDBC Adapter 6.5. You can find additional information about webMethods JDBC Adapter 6.5 on the [Software AG Documentation Web site](#). In addition, the following suite-related information is also available at that location:

Product Documentation (includes installation and upgrade information)  
System Requirements Documentation

You can find the following information in the Products section of the [Empower Web site](#):

Security Information  
Globalization Information

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## 1.0 Critical Information

This section lists the critical issues that were known when this readme was published. For critical information found later, go to the Knowledge Center portion of the [Empower Product Support Web site](#).

None.

## 2.0 Known Issues

This section lists issues that were known when this readme was published. For known issues found later, go to the Knowledge Center portion of the [Empower Product Support Web site](#).

### 2.1 Adapter Issues

- During configuration of the StoredProcedureWithSignature service, the value of the Output Field changes if you change an IN expression from '?' to a 'fixed value', or vice versa.  
To resolve this, after making changes to the IN expression field, select or type the Output Field name again.
- For DB2 for OS/390, non repeatable read does not function when the transaction isolation level is set to 2. For Teradata, non repeatable read cannot be avoided even after setting the transaction isolation level to 8.
- For Informix, phantom read does not function when the transaction isolation level is set to 4. For Teradata, phantom read cannot be avoided even after setting the transaction isolation level to 8.
- For Oracle, when using Oracle Array or Struct as OUT parameters in an Oracle stored procedure, use the StoredProcedureWithSignature service. StoredProcedure service currently does not support Oracle procedures with a similar signature.
- For Teradata, dirty read does not function when the transaction isolation level is set to 1.
- For Teradata, the table type is shown as 'T' instead of 'Table'. This is because the driver returns 'T' as the type for the table, during table name look up in service templates.
- For Teradata, the ExecuteService adapter service does not honor the transaction boundaries laid down by ART.
- For Oracle 10g, StoredProcedureWithSignature adapter service does not work with Oracle functions having an Array type in its signature.
- To avoid a file conflict when using Informix, you must disable the WmTomcat package in the Integration Server. Be aware that this also disables support for JSPs.
- When using the BatchInsert or BatchUpdate service with Sybase, you may receive the following error message, if the service attempts to return a large number of records:  
"JZ0BE:BatchUPdateException:Error occurred while executing batch statement:Too many parameters--"

symbol table overflow"

To resolve this problem, apply a jConnect 5.5 emergency bug fix EBF 11473, which is available at: <http://downloads.sybase.com/swd/swx/sdfile.stm>.

- You cannot enable C-JDBC 3.2 driver connections using JVM 1.4.1\_01, 1.4.1\_03, or 1.4.1\_05.

## 2.2 Driver Limitations

Database/Platform Affected	Driver	Limitation Description and Solution
DB2 UDB 7.2 and 8.1	Type 2 App, Type 3 Net	<p>StoredProcedure and StoredProcedureWithSignature adapter services, and StoredProcedure and StoredProcdeureNotificationWithSignature adapter notifications do not display functions in the Procedure Name field.</p> <p>Instead, use the StoredProcedure service or StoredProcedure notification and type the function name in the Procedure Name field.</p>
Oracle 8i, 9i, and 10g	Oracle 8i, 9i, and 10g Thin and OCI JDBC classes12 drivers	<p>StoredProcedureWithSignature services and StoredProcedureNotificationWithSignature notifications do not work with Stored Procedures containing a parameter of type Oracle Cursor, when the ref cursor is declared as a cursor type that is defined as a strong type with the %ROWTYPE attribute.</p> <p>Instead, define the ref cursor as a weak type.</p>
DB2 for OS/390 V7	Type 3 Net	<p>StoredProcedureWithSignature services and StoredProcedureNotificationWithSignature notifications are supported only on DB2 for OS/390 V6.</p> <p>Instead, use the StoredProcedure service or StoredProcedure notification.</p>

## 3.0 Usage Notes

This section highlights product limitations and changes to product behavior introduced in this release.

- If you expect to display non-English data in your webMethods tools, make sure an appropriate font is installed in your operating environment. If you see hollow boxes or black squares where you expect to see non-English characters, modify your JRE font.properties file to reference an appropriate font. For information on modifying your font.properties file, go to Oracle's Java website. For instructions, see: <http://docs.oracle.com/javase/1.4.2/docs/guide/intl/fontprop.html> <http://docs.oracle.com/javase/1.5.0/docs/guide/intl/fontconfig.html> [http://www.unicode.org/help/display\\_problems.html](http://www.unicode.org/help/display_problems.html)

- The configuration of the database you use with webMethods JDBC Adapter 6.5 affects the characters the database can contain. If you select a non-Unicode encoding for the database, characters from outside that encoding will be lost when you store data in the database. Software AG recommends that you use the most appropriate Unicode encoding for your database character set. See *Installing webMethods Products* and your database vendor's documentation for instructions on choosing and setting the character encoding for your database and environment.

## 4.0 Fixes and Enhancements

This section describes the fixes and enhancements included in webMethods JDBC Adapter 6.5.

### 4.1 Fixes and Service Packs Included in This Release

This section lists the fixes and service packs for previous releases that have been included into the current release. If only some issues in a fix or service pack have been included, that partially included fix or service pack is not listed here, and those issues are listed separately in [Section 4.2 Resolved Issues](#). See the Knowledge Center section of the [Empower Product Support Web site](#) for more information about fixes and service packs.

None.

### 4.2 Resolved Issues

This section lists issues that were resolved in this release and that are not included in the fixes and service packs listed in [Section 4.1 Fixes and Service Packs Included in This Release](#). These issues might have been resolved in a fix or service pack that was not included in its entirety into this release, or they might have been resolved since the last fix or service pack was released.

None.

### 4.3 Enhancements

For a detailed list of the enhancements included in webMethods JDBC Adapter 6.5, see the Release Notes available on the [Software AG Documentation Web site](#).

### 4.4 Documentation Changes

This section describes significant changes to the documentation, such as the addition, relocation, or removal of product guides, online help, chapters, or other major content.

- *webMethods JDBC Adapter Installation and User's Guide 6.5* merges the documentation that was contained in *webMethods JDBC Adapter User's Guide* and *webMethods JDBC Adapter Installation Guide*.
- *webMethods JDBC Adapter Installation and User's Guide 6.5* contains information on the installer changes as well as upgrade instructions. This guide is available from the [Software AG Documentation Web site](#) and can also be downloaded as part of the product documentation library from the webMethods Installer.

## **4.5 Terminology Changes**

This section lists terminology that has changed since the last full release of the product.

None.

## **4.6 Deprecated or Removed Items**

This section lists product functionality that has been deprecated since the last full release of the product. Deprecated Built-In services and APIs are listed in the relevant sections that follow this one.

None.

## **4.7 Added, Removed, Deprecated, or Changed Built-In Services**

This section lists Built-In services that have been added, removed, deprecated, or changed since the last full release of the product.

None.

## **5.0 Copyright Information**

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## **6.0 Support**

To obtain support for webMethods Product Suite components, refer to the following resources:

[Empower Product Support Web site](#)

Visit the Empower Web site to learn about support policies and critical alerts, read technical articles and papers, download products, fixes, and service packs, submit feature/enhancement requests, and more.

[Software AG Developer Community for webMethods](#)

Visit the Software AG Developer Community to access additional articles, demos, and tutorials, technical information, samples, useful resources, online discussion forums, and more.

ADAPTER-JDBC-RM-65-20120730