



eDeveloper 9.4 Service Pack 3b Release Notes

We are proud to introduce eDeveloper Enterprise Server Version 9.4 Service Pack 3b. eDeveloper 9.4 SP3b is an improved and updated version of the eDeveloper 9.4 release. Read the information in this document to find out more about this latest eDeveloper version.

For more information about previous eDeveloper releases, see the [PastReleaseNotes.pdf](#) file provided with this installation.

General Information

Installing SP3b

When you install eDeveloper 9.4 SP3b using the installation wizard's **Upgrade** option, the wizard automatically replaces the files that were changed since your last installed version.

eDeveloper and Data Management – New Technical Paper

We are pleased to announce a new technical paper, "eDeveloper and data Management". The technical paper may be downloaded from:

<ftp://v9product:PrEver983@ftp.magicsoftware.com/v9product/documents/DataManagement.pdf>

eDeveloper 9.4 Samples Package

The Samples package demonstrating the new eDeveloper 9.4 features has been updated with additional samples. You can download the updated Samples package from our FTP site by using the following link:

<ftp://v9product:PrEver983@ftp.magicsoftware.com/v9product/94samples/>

Tools Infrastructure Sample & Guide

This release provides you with a sample and guide describing how you can create your own add-on tools for your development environment.

You can download the [ToolSample.exe](#) package from [the Samples section of our FTP site](#).

eDeveloper for iSeries SQL Client

eDeveloper 9.4 SP3b includes the iSeries SQL Client 9.4-0.2 release for eDeveloper. You can read more about this in the [README400sql.htm](#) file.

eDeveloper for iSeries ISAM Client

eDeveloper 9.4 SP3b includes the updated version of the iSeries ISAM Client 9.4-0.2 for eDeveloper. You can read more about this in the [README400.htm](#) file.

eDeveloper for iSeries DBCS Client

The iSeries DBCS Client installation lets you install a special iSeries client for the Double-byte character set (DBCS) version of an operating system. You can read more about this in the [README400.htm](#) file.



New Features and Behavior Changes

UDDI Utility

The new eDeveloper UDDI utility lets you search a Web Service on a UDDI server and automatically creates a program that calls the selected Web Service. The UDDI utility also lets you publish your Web Service on a UDDI server.

For more information, see the Utilities chapter of the *eDeveloper Reference Guide*.

Automatic Commit of Oracle Select Statements Removed

Select statements in an Oracle-based task without transactions were set with an automatic execution mode of Commit. This resulted in an inflated log file containing many redundant entries. In SP3b, the execution mode for these Oracle Select statements is now set to OCI_DEFAULT.

Focus on Right-Click

Right-clicking on a form or on a control of any task, whether the current task, ancestor task, or phantom task, did not set the focus to the form or control as should have happened.

Mgreq.ini Search Sequence

In previous versions, the eDeveloper engine loaded the Mgreq.ini file that exists in the engine's activation working directory. If the file was not found there, the file was not loaded and default values were used. In SP3b, this behavior has been changed, so that if the Mgreq.ini file is not found in the working directory, the engine tries to load the file from the directory from where the messaging layer module (Mgrqgnrc.dll) was loaded.

.NET Browser Client - Performance Enhancement

The loading of a page on a .NET browser client application was improved by evaluating the initial value of the Visible and Enable expressions of every control already on the server side. This may cause a change of behavior in controls set with an expression on the Visible or Enable properties and also default values for these properties that are set directly on the HTML page. It is recommended, in such cases, to remove the Visible and Enable default values from the page.

CountersEqualizationDuringStatus – Change of Syntax

Modifications have been made to the syntax of the **CountersEqualizationDuringStatus** broker entry responsible for keeping the broker synchronized with the state of each engine and each request.

In previous versions, this setting was set by either Yes or No. In SP3b, this setting requires a numeric value that determines the time interval in seconds in which the engines will report to the broker on the state of its requests. When set to zero, there will be no synchronization. The default value for this setting is 1 second.



Fixed Problems

Licensing

Various licensing-related problems have been resolved in SP3b.

Proxy Server

Various Proxy-related problems have been addressed in SP3b.

Lock Error on DB2 (QCR # 3251)

When encountering a lock while fetching records in a task with a program sort, the engine continued to prepare the dataview instead of immediately aborting.

Lock Error on DB2 (QCR # 5573)

eDeveloper crashed on evaluating the XMLBlobGet function on an empty element.

QUOTED_IDENTIFIER Flag for MSSQL (QCR # 205206)

The QUOTED_IDENTIFIER database flag did not work properly.

Event Handling on Browser Client (QCR # 289920)

Component events were not properly propagated in a browser client application.

Direct SQL on DB2 (QCR # 291650)

A valid direct SQL command occasionally failed.

Dynamic Column Width (QCR # 295166)

A column defined with a width expression was re-computed without taking account of placement modifications of the form. This resulted in the column width resetting its value when a re-compute cycle begun.

Toolkit Folders (QCR # 305203)

The toolkit engine crashed when clicking the Navigator pane after creating a folder.



Oracle's CLOB Support (QCR # 698035)

An eDeveloper BLOB column could not be mapped to an Oracle CLOB data type. You can now do this in SP3b. To use this data mapping, you should enter CLOB in the Type property of a BLOB variable. The recommended method of inputting data into a CLOB field is by using the Update operation or by using the File2Blb function.

Large MSSQL views (QCR # 730249)

Large MSSQL views were improperly imported to an application.

Event Handling on .Net Browser Client (QCR # 738318)

In specific cases, the Record Suffix was executed unnecessarily.

Components on a Browser Client (QCR # 743314)

Some components that handled events of other components were not always loaded properly and caused an "In the parsing" error on the page.

Requests Monitor (QCR # 743552)

The user name of a context was not shown properly in the Requests monitor.

Reversed Sort on Oracle (QCR # 745762)

When performing a sort on natural data types, data was shown in reverse order after activating the End Table event.

Virtual Variable Update in Query Mode (QCR # 751171)

The "Warning - Modify operation canceled due to task Query mode" message was displayed for no reason when updating a virtual variable within a Link Block in a Query mode task.

Jump to Row Event (QCR # 762161)

The Jump to Row event did not work properly after it was performed within the Programs list.



Background Engine (QCR # 764038)

An incorrect result for concurrent requests was recorded when using a background engine.

MCF on Oracle (QCR # 764304)

The engine crashed when saving an MCF as MFF if the MCF resided on an Oracle database and the MCF was in Team Development mode.

Incremental Search on DSQL (QCR # 766180)

Incremental search did not work on a Direct SQL result.

Block Operation on .Net Browser Client (QCR # 769672)

In specific cases, the Block Else segment was not executed.

Where Clause Using Link Variables (QCR # 775298)

Changing Link Query to Link Join resulted in an incorrect Where clause if the Where clause was based on variables from the link.

Combo Box on .Net Browser Client - (QCR # 775922)

The combo box in a .NET browser client application did not handle special characters properly.

EOL Characters in an XML Document (QCR # 783950)

Unnecessary EOL characters were added to an XML file generated by the XMLWrite program of an XCG component.

Lock on DB2 (QCR # 925141)

In certain cases, the runtime tree was not aborted when it encountered a lock in the database.

XML Namespaces (QCR # 968208)

The Read_XML program of an XCG component read the XML data, although the XML URI did not match the target namespace of the XML schema.



Focus Lost from Child Tasks (QCR # 972296)

Focus on a child task was lost after switching between different applications.

“Order By” of an Oracle Select Statement (QCR # 985771)

The unique key segments were unnecessarily added to Oracle select statements.

PPD Procedure on Runtime Plugs (QCR # 985771)

The PPD procedure failed on runtime plugs.

XML Namespaces (QCR # 986918)

The namespace indication was not set properly in an XML document generated by an XCG component.

Clicking on Phantom Tasks (QCR # 988820)

Clicking on a phantom task always entered the first control of the first record, as opposed to the clicked record and clicked control.

MLS on Field's Picture (QCR # 996326)

The translation file incorrectly affected field picture strings.

