



eDeveloper 9.4 Service Pack 7 Release Notes

We are proud to introduce eDeveloper Enterprise Server Version 9.4 Service Pack 7. eDeveloper 9.4 Service Pack 7 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 Service Pack 7

When you install eDeveloper 9.4 SP7 using the installation wizard's Upgrade option, the wizard automatically replaces the files that were modified since your previously-installed version.

eDeveloper 9.4 Samples Package

The Samples packages demonstrate the new eDeveloper 9.4 features. You can download the updated Samples package from our FTP site using the following link:

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

Special Settings

A special setting, sometimes referred to as a special flag, is an entry in the Magic.ini file that modifies the behavior of the product in specific areas. A detailed list of the supported special flags is available in a separate document, which you can download from:

<ftp://ftp.magicsoftware.com/v9product/Documents/SpecialSetting.pdf>

eDeveloper Licensing Mechanism

eDeveloper has a built-in license-metering mechanism that uses your local area network (LAN) to communicate between eDeveloper instances running on different machines on the network.

For more information about this mechanism, see the document located at:

<ftp://ftp.magicsoftware.com/v9product/Documents/eDeveloperLicensingMechanism.pdf>

eDeveloper for iSeries - New Features & New Products

The **Single Sign-On** feature in eDeveloper lets you connect to iSeries without entering an OS/400 user profile and password. By using Single Sign-on, you can sign on once to a network server and automatically gain access to iSeries from your eDeveloper program

For more information about the SSO feature please refer to the [Setting Up-Single Sign-On](#) section.

The **Legacy Connector** application enables any eDeveloper programmer to quickly and easily integrate iSeries (5250) terminal interfaced application with eDeveloper's Windows/Web applications.

The **eDeveloper Navigator** is an out-of-the-box application that can be used immediately by iSeries system administrators and operators to access system services such as Active Jobs, Spooled File, IFS Objects, and System Values. In addition, the eDeveloper Navigator enables system administrators to send email, execute a CL command, and check the system status, including memory and disk usage.

The user guide of the Legacy Connector product is available at:

<ftp://ftp.magicsoftware.com/v9product/Utilities/iSeries/>

eDeveloper for iSeries SQL Client

eDeveloper 9.4 SP7 includes the iSeries SQL client 9.4 SP7-0.9 release for eDeveloper. You can read more about this in the [README400sql.htm](#) file.

eDeveloper for iSeries ISAM Client

eDeveloper 9.4 SP7 includes the updated version of the iSeries ISAM client 9.4 SP7-0.5 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, Behavior Changes and Fixed Problems

VarPic Function – Support Vectors Variables

Evaluating the VarPic function on a vector variable returns the picture of the vector's cell.

XML Validation

eDeveloper's support of XML manipulation is now enhanced with additional two new functions to validate an XML document against its schema. The two new functions are: XMLValidate & XMLValidationError.

DBMS Error Code (QCR #278974)

The Pervasive DBMS Error code for locked row scenario was 0 instead of 84.

Browser Client – Check Box Expression (QCR #282167)

An expression set as the data of a check box control in a Browser client interface could not be removed and replaced by a variable.

Component Interface Builder – Exposing Rights (QCR #282261)

Any right entry beyond the 909th right could not be exposed as part of an eDeveloper component.

Group Title – Renamed Variables (QCR #283676)

The group title of a variable whose name was modified in the task showed irrelevant characters.

Split Window Child – Startup Position (QCR #287434)

Child tasks were positioned according to their startup position when the split window was set, and the parent task was set to be a centered startup position.

Browser Client – Using TDpeth Function (QCR #289101)

The Browser crashed on evaluating the TDepth function in a control's property.

Hungarian Environment – Time Field Picture (QCR #290295)

Wrong display was observed in using time picture settings in the Hungarian environment.

Error Log Notifications (QCR #291996)

The messages: "Record not found - positioned at next" and "Record not found - positioned at beginning" were noted in the error log file as error instead of warnings.

Confirmation dialogs – Mapping the F10 key (QCR #296373)

The system menu of a confirmation dialog window was opened on pressing the F10 as mapped to the Close internal event.

Expression Based Checkbox Control (QCR #301468)

eDeveloper crashed in some cases where a checkbox control was set by an expression.

Deferred Transactions – Locked Records (QCR #313424)

In some case, a record lock error was triggered on committing newly created records.

LDAP – Anonymous Logon (QCR #319220)

Anonymous logon was permitted for an LDAP connection.

Browser Client – Deleting Records (QCR #596370)

The browser hanged on deleting all records in a view after locating on a record.

SQL Support Documentation (QCR #597562)

The eDeveloper documentation did emphasize the case sensitivity of a the SQL owner definition.

COM Support – Loading the Type Library (QCR #645435)

Due to discrepancies in the interface of specific COM objects, their type libraries failed to load in eDeveloper.

Internal Events on the Pulldown Menu (QCR #690949 & QCR #746529)

Internal events appeared disabled if they were defined in the pulldown menu structure more than once.

COM Support – Referencing a Variant (QCR #742405)

eDeveloper could not handle a COM data type defined as a reference to a variant.

Table Control – Two Controls on a Single Column (QCR #743111)

Clicking on a disabled control in a table column resulted in the click being handled for another control that is placed on the same table column.

KBPut – Keyboard Simulation (QCR #743860)

The '<' character was not submitted using the KBPut function.

Oracle – Direct SQL in Batch (QCR #747138)

Wrong results were observed in a direct SQL based batch task set with more than one group level and no transaction setting.

Broker Monitor – Contexts List (QCR #755403)

The context list of the broker monitor appeared empty when the active threads reached the maximal thread count.

RqLoad Function – Average Queue Time (QCR #766019)

The Average Queue Time value, as part of the returned value of the RqLoad function always returned 0.

Table Control – Alternate Color Expression (QCR #790483)

The expression of the Alternate color property was re-computed instead of being computed only once upon opening the task.

Image Cache – Using Logical Names (QCR #855102)

Images were not cached if the image file path was set by a logical name.

Pervasive Tables – Space Characters (QCR #951566)

In some cases eDeveloper failed to open set with space characters.

Export Document – Direct SQL IO Argument (QCR #976949)

The IO Arguments of a direct SQL definition could not be exported using the Export Document utility.

DB2 Tabled - Numeric Pictures (QCR #989156)

Records were not properly updated in a DB2 table when a numeric field set with a decimal value was modified.

HTTP Request – Naming the Program (QCR #990667)

An HTTP request to an eDeveloper program failed if the program name included the ampersand character.

Memory Gateway as Temporary Database (QCR #998553)

A duplicate index error message was displayed on sorting a data view based on a linked variable while having the sort temporary database set to be of the memory gateway.

Mail Functionality – Reading Mails (QCR #998947)

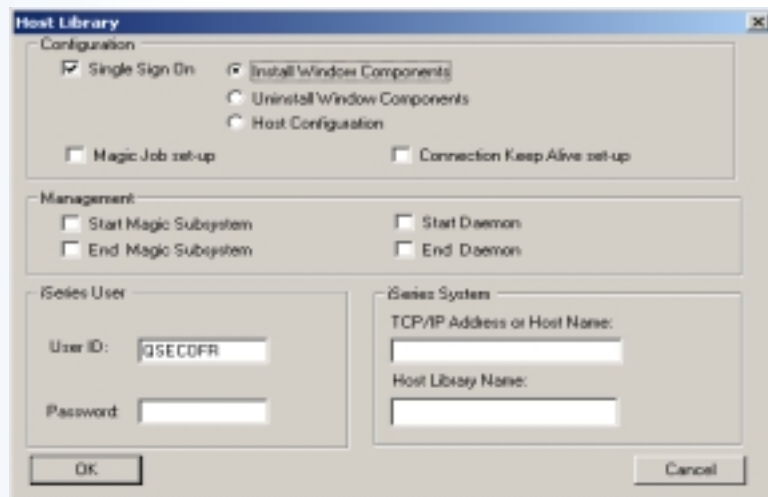
In some cases eDeveloper did not read mails' information correctly.

iSeries - Setting Up-Single Sign-On (SSO) Feature

Setting Up-Single Sign-On (SSO) feature

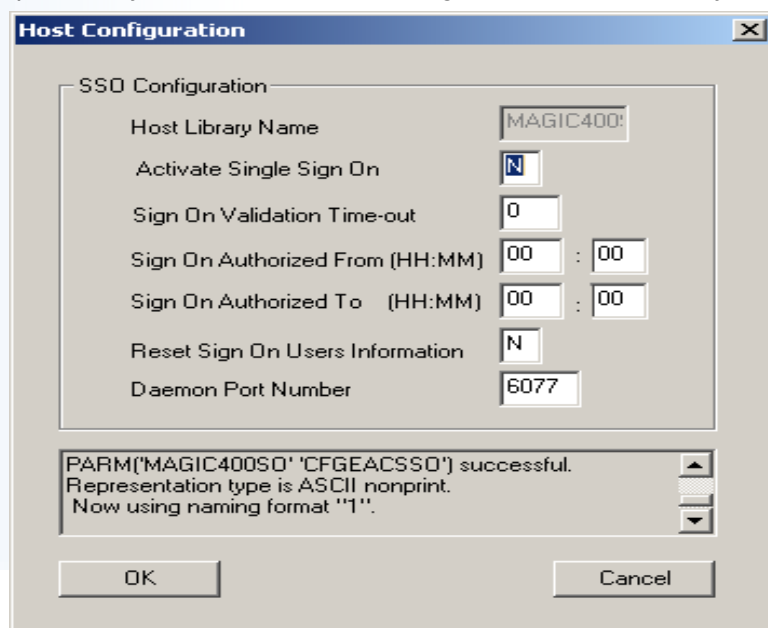
eDeveloper lets you connect to iSeries without entering an OS/400 user profile and password. By using Single Sign-on, you can sign on once to a network server and automatically gain access to iSeries from your eDeveloper program

Use the Host Management program (**Magic 9.40 eDeveloper->iSeries Ad-Ons->iSeries Host Library management**) in Windows to setup the Single Sign-on options in Windows and iSeries.



Configuring the Host Library

Select the **Single Sign-On Host Configuration** option from the Host Management program. This option lets you enable the SSO settings in iSeries Host library.



Utilizing the iSeries SSO Feature

There are two ways you can use this feature in eDeveloper.

Windows logon option

This option lets you open a connection on iSeries using your Windows user and password. Here are the steps to define this option:

- Select the **Single Sign-On Install Windows Components** option from the Host Management program
- Verify that your Windows User and Password are defined on iSeries server.
- Define an iSeries database entry in eDeveloper without an iSeries user and password
- Connect to iSeries using the defined database using APG or UDP/UDF functions

iSeries logon option

This option lets you to Sign On to iSeries once and then next consecutive connections to iSeries from your Windows session will not require entering your iSeries User and Password. Here are the steps to define this option

- Select the Single Sign-On Uninstall Windows Components option from the Host Management program
- Define an iSeries database entry in eDeveloper with an iSeries user and password (make sure the iSeries user and password are different than your Windows user and password)
- Connect to iSeries using the defined database using APG or UDP/UDF functions
- Remove the iSeries User and Password from the iSeries database
- Close eDeveloper
- Start eDeveloper
- Connect to iSeries with the defined database using APG or UDP/UDF functions