



Toad™ for IBM® DB2® 6.2

Release Notes

Monday, March 7, 2016

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About Toad for IBM DB2

With Toad, developers and database administrators can use a familiar, proven tool to manage databases. Toad empowers developers and administrators, of varying skill levels, to rapidly create and execute queries, automate database object management, and develop SQL more efficiently.

Toad also provides utilities to compare, extract and search for objects, manage projects, import/export data and administer the database, while increasing your productivity and delivering access to an active user community.

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New Features

In Toad for IBM DB2 6.2 the following new features were implemented:

General Features

Database Map

- Right-click an object and select Remove item to remove an object (and its dependencies from the Map)
- A maximum objects count can be set in **Options | Database Map | General**. If you drag too many objects into the map an information dialog appears
- Click **Options | Tools | Database Map | Types** to select types object types that load on the map

- A new dedicated **File** and **Edit** menus for general functions
- Click a new button **Generate Database Map** on the toolbar for objects in script to send objects directly from SQL Editor or Query Builder to Database Map

Library

- Use the new Toad Library to manage all Toad files
- Click the **Library** button to access the Library
- Click **Add to Library** and then browse to and select one or more files
- Your file is added to the Library but remains in its original location
- As the number of files in your Library grows, use filter, group, and search features to easily find the files you need
- You can add topics and use them to group files. You can add keyword tags to individual files and use these to filter, group, or search
- You can run Automation scripts from the Library. Right-click the script and select **Execute**

Object Compare Enhancements

Compare DDL scripts to live objects

- Click **Compare | Compare DDL to Live Objects** to compare DDL scripts from saved files to objects in your database
- The following DDL statements are supported:

CREATE	TABLE
	TABLE LIKE
	TABLESPACE
	SCHEMA
	VIEW
	TRIGGER
	COMMENT
	TYPE DISTINCT
	TYPE ARRAY
	PROCEDURE
	FUNCTION

ALTER	TABLE
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- Permissions are ignored by default. You can change it in **Object Compare Advanced Options | Common | Ignore permission differences**

File Version Control

- Version Control can now be configured for all files that are handled in Toad, e.g. *.sql, *.tsm, *.tas etc.
- Once Version Control is configured in Toad at level of files any file can be added
- It is easy to commit new changes or get latest revisions from the repository

To setup File Version Control:

1. Right-click any file tab like Editor, Automation, Query Builder etc. and select **File Version Control | Version Control Wizard**
2. Click **Next**, Select a Provider Type from:
 - Subversion
 - Team Foundation Server via Team Explorer 2008

- Team Foundation Server via Team Explorer 2010
 - Team Foundation Server via Team Explorer 2012
3. Complete Provider, enter details into Properties, and Version Control Login Information and click Next
 4. Select the Version Control Folder at your server and the local Working Folder, click Next and Finish.

To configure a file for Version Control

- Right-click a file Tab and select File Version Control | Add file to working folder and save the file in your working directory

To work with versions:

- Right-click a file tab and select File Version Control | Commit to check your changes in to the server
- Right-click a file tab and select File Version Control | Get latest revision to check your changes out of the server
- Right-click a file tab and select File Version Control | Repository Browser to browse the server contents
- Right-click a file tab and select File Version Control | Show history to work with different versions and view comments

Note: Comment is necessary in order to Commit a file.

To check status of a file

- A file tab icon changes when a file is submitted to Version Control
- In Toad Status Bar the following states can be displayed:

Version Control status	Description
Untracked	The file is not added to version control.
UpToDate	The file is under version control and is synchronized with version control repository. No changes are detected.
Modified	The file is under version control and has been modified by user. The changes are stored in local database only and need to be synchronized with version control repository.
Merge	The file is under version control and has been modified in both local database and version control repository.
OutOfDate	The file is under version control and has been modified in version control repository.
Unknown	The file is under version control but for some reason its status cannot be determined (for example, you created a script in your local database while the script with the same name already exists in version control repository, or you upgraded to a higher version of Toad and configured version control for the same repository while you have some uncommitted changes in the database).
Deleted	The file was under version control but it was dropped or renamed in local database and exists only in version control repository.

Toad Information Central Integration

- Store and share any Toad file or a connection profile easily
- Click **View | Toad Intelligence Central** to access this new feature
- Click **Connect**, enter IP address into Host field, your Username, and Password
- Toad Intelligence Central features a full-function **Object Manager** that enables you to perform basic operations with files stored on the TIC servers

- Right-click a file and select **Send To | Publish File** to publish a file to Toad Intelligence Central in **Project Manager** or click **File | Send to | Publish File**
- You can publish all Toad artifacts like SQL files, DDL scripts, connection files, database map plugins and more.

Memory Improvement

- This release includes an enhancement that improves available memory space
- This improvement will be most noticeable if you frequently encounter “out of memory” errors

Data Compare Enhancements

Various enhancements and bug fixes meant to improve the **Data Compare** feature were done in this release including:

Compare result variable

- New **Automation** setting that allows you to immediately see whether data is equal or different

New Format Script Button

- You can easily format objects DDL scripts using a new button in a Script Tab

Editor Enhancements

- Toad now automatically checks syntax when you write in **Editor**
- Invalid lines are highlighted in the scroll bar in red color
- Hover over the red cross icon in the left to see details of the syntax error
- Select **Options | Editor | Tools | Syntax Checks** to edit automatic syntax checks

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LUW Specific Features

Dashboard

- Use the new **Dashboard** to keep track of important events of your database
- Customize the **Dashboard** by adding or removing widgets
- Reorder the widgets or resize them using the zooming slider
- Many available widgets:

Non-Enforced Constraints Widget

Displays numbers of non-enforced constraints for all schemas in total and for each schema individually. You can easily modify these constraints from the list.

Open Connections Widget

Displays a progress bar with the number of open connections related to the maximum number of connections. Also shows information for other states of connections.

Monitor Applications Widget

Displays a number of current application connections in a time-based diagram.

Monitor Locking Widget

Displays a number of database locks, rollbacks, and timeouts in a time-based diagram.

Database Allocation Widget

Visualize currently allocated database space using a comprehensive diagram.

Invalid Objects Widget

Displays numbers of invalid objects for all schemas in total and for each schema individually. You can easily modify these objects from the list.

Resource Usage Widget

Visualizes currently used memory space and CPU utilization in two diagrams.

Recent Changes Widget

Displays a list of recently modified database objects. You can easily alter any objects directly from the list.

Buffer Pool Widget

Displays a number of buffer pools in a time-based diagram.

Simple Select Widget

Write a simple SQL query and display its results in a simple widget. Customize its visualization mode and select from several diagram styles.

Members Widget

Displays detailed information about IBM pureScale members, including currently used memory space and CPU utilization in two progress bars.

Monitor SQL Widget

Displays a number of SQL queries executed on the given connection in a time-based diagram.

Summary Dashboard

- You can also use the new Summary Dashboard to display data about the selected connections.
- Click the Settings icon in the right top corner to add more connections to Summary Dashboard
- Drag and drop your open LUW connections to the window to add more connections
- You can use any or all of the following summary widgets:

Resource Usage Summary

Visualizes currently used memory space and CPU utilization in two diagrams for the selected LUW connections.

Open Connections Summary

Displays a progress bar with the number of open connections per the maximum number for the selected LUW connections.

Space Usage Summary

Visualizes currently used, free and reserved database space using progress bars for the selected LUW connections.

Non-Enforced Constraints

Displays a number of non-enforced constraints for all schemas in total for the selected LUW connections.

New Refresh Button for LUW Real Time Statistics

- Select Databases in **Object** or **Database Explorer**, select Real Time Statistics Tab
- Click **Refresh Real Time Statistics Display** to instantly renew information in the Tab

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z/OS Specific Features

Display of Data Sharing member name

- A member name is now displayed if you connect to a DB2 z/OS Data Sharing environment
- Hover over a Tab or a Connection to display Connection Information

Associative Array Datatype Support

- Associative Array Types are now supported in Object or Database Explorer
- Select Datatypes in object filter to view Associative Array Types

Support for GENERATE AS Generated Expression

- New option for GENERATE AS statements for table columns is supported in all table Object Editors.
- Create, Create like or Alter a table and select columns tab to view the new options.

z/OS Utilities

REBALANCE Keyword

- When you use REBALANCE keyword a second REORG is generated that ensures the data is rebalanced and all rows are in clustering order.
- It is used for clustering Indexes on Tables in partitioned Tablespaces.

Change Port for IBM DB2 Debugger

- Toad has a new option to control port for communication with the z/OS Debug Session Manager.
- Select **Options | Debugger | DB2** to change it.

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See [Resolved Issues](#) for more enhancements and resolved issues in this release of Toad for IBM DB2.

Learn More

Get the latest product information, find helpful resources, and join a discussion with the Toad for IBM DB2 team and other community members. Join the Toad for IBM DB2 community at <http://www.toadworld.com/products/toad-for-db2>.

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System Requirements

Client Requirements

Before installing Toad, ensure that your client system meets the following minimum hardware and software requirements:

Platform	1 GHz minimum
Memory	512 MB of RAM minimum, 1 GB recommended Note: The memory required may vary based on the following: <ul style="list-style-type: none">• Applications that are running on your system when using Toad for IBM DB2• Size and complexity of the database• Amount of database activity• Number of concurrent users accessing the database
Hard Disk Space	212 MB to run Toad for IBM DB2 Allocate additional space for the following components as needed (provided with Xpert Editions): <ul style="list-style-type: none">• If installing Dell™ SQL Optimizer for IBM® DB2® z/OS or Dell™ SQL Optimizer for IBM® DB2® LUW, see the SQL Optimizer Release Notes for disk space requirements. Note: The disk space required may vary based on the edition of Toad selected for installation.

Operating System	Windows Vista® Service Pack 2 (32-bit or 64-bit) Windows Server® 2008 Service Pack 2 (32-bit or 64-bit) Windows Server® 2012 Windows® 7 Service Pack 1 (32-bit or 64-bit) Windows® 8 (32-bit and 64-bit)
.NET Framework	.NET 4.5
Database Client	DB2® Client Toad requires that a DB2 Client version 9.7.6 through 10.5 be installed as default. Toad for IBM DB2 has been tested with the following versions of the DB2 Client: 9.7.6, 9.7.9, 10.1.0, 10.1.2, 10.1.3, 10.5.0, 10.5.2, and 10.5.3.
Additional Requirements	Web Browser Microsoft® Internet Explorer® 8.0 or later

Server Requirements

Before installing Toad, ensure that your server meets the following minimum hardware and software requirements:

Database Server	IBM DB2 for LUW 9.1, 9.5, 9.7, 10.1, 10.5, 10.5.0.5 IBM DB2 for z/OS 9, 10, 11 Note: Toad may support IBM DB2 Express and SWE in addition to listed above servers, but note that no testing was performed on it.
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Virtualization Support

Application Virtualization	Limited testing has been performed for Citrix® XenApp™ 5.0 on Windows Server 2003 and Citrix XenApp 6.5 on Windows Server 2008 R2. Limited testing has been performed for Citrix support on Windows Server 2003 Enterprise Server (Service Pack 2) using the MetaFrame Presentation Server 5.0 and Citrix Presentation Server Clients 10.2.
Desktop Virtualization (VDI)	Toad has been tested with vWorkspace™ 7.6 running on Windows Server 2008 R2 64-bit.

Note: Toad may work in virtualization environments other than the ones in which it was tested.

User Requirements

User Requirements to Install Toad

Only Windows Administrators and Power Users can install Toad.

Note: The following exceptions exist for Power Users:

- A Power User cannot install Toad on a computer running Windows Vista Enterprise. This is a Windows limitation because Vista does not support Power User mode.
- A Power User can install Toad for IBM DB2 as long as this user belongs to the DB2ADMNS or DBUSERS group.

If an Administrator installs Toad, the Administrator can share the Toad shortcut icon on the desktop and menu items with any user—a Power User, Restricted User, Vista standard user—on the computer.

If a Power User installs Toad, a Restricted User cannot do the following:

- Associate file extensions.

- View the Toad shortcut icon on the desktop or the Toad menu options in the Windows Start menu. As a workaround, Restricted Users can create a shortcut to Toad from the install directory and place the shortcut on their desktop.

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User Requirements and Restrictions for Running Toad

The following describes the requirements and restrictions for users who launch and run Toad:

- A Windows Power User or Restricted User must belong to the DB2ADMNS or DB2USERS group. To add the user to one of these groups, select **Start | Control Panel | Administrative Tools | Computer Management | System Tools | Local Users and Groups | Groups | DB2ADMNS or DB2USERS**.
- A Windows Vista user must be either an administrator or a standard user that belongs to Vista Administrators group. Additionally, to enable full functionality in Toad for IBM DB2 when Vista's User Access Control security feature is turned on, the standard user must run Toad for IBM DB2 as an administrator. (Right-click the Toad for IBM DB2 icon on the Vista desktop and select **Run as administrator**.)
- A Windows Power User or Restricted User does not have the authority to add or remove DB2 catalog entries using the Toad for IBM DB2 Client Configuration wizard. However, these users can use the Import Profile function in the Toad for IBM DB2 Client Configuration wizard to import catalog entries to Toad for IBM DB2.
- To take full advantage of Toad for DB2 LUW functionality, the user ID specified in the Toad connection profile for each DB2 for LUW database connection requires the authorizations listed in the following document:

[Toad IBM DB2 LUW Authorizations Spreadsheet](#)

- As a minimum requirement to manage a DB2 for z/OS subsystem in Toad for IBM DB2, the user ID defined in the Toad for IBM DB2 connection profile for the subsystem must either have SYSADM privileges or SELECT privileges on the DB2 catalog tables. For a complete list of authorizations (and corresponding GRANT statements) a user requires to take full advantage of Toad for DB2 z/OS functionality, refer to the following document:

[Toad IBM DB2 z/OS Authorizations Document](#)

- To create or modify the QuestSoftware.ToadSecurity table to enable Toad Security, the user who maintains this table must have privileges to create, insert, update, and delete it. All other users need only the ability to read the QuestSoftware.ToadSecurity table to use Toad Security features.
- For information about defining a RACF, Unix, or Linux group as a Toad Security role, see the *About Setting Up Toad Security* topic in the Toad online help. This topic explains how to add the Toad Security icons to your toolbar and how to define Toad Security roles that apply to your current connection. (The ability to define RACF, Unix, and Linux groups as Toad Security roles works with DB2 for LUW 9 or later databases and DB2 for z/OS 8 or later subsystems.)

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Resolved Issues and Enhancements

The following is a list of issues addressed and enhancements implemented in this release of Toad for IBM DB2.

Feature	Resolved Issue	Defect ID
Data Compare & Sync	Issues involving comparing Decimal column values have been resolved.	TSY-1512/2985032-1
	Added option for Data Compare to treat blank values as null.	TSY-1576/2906856-1
	Data Compare can now export to XLSX format.	TSY-1549/2897802

	Data Compare does not cause errors when comparing decimal column.	TDB-2108
Compare Object	Toad now shows progress when saving report files.	TDB-2103/2838693-1
	Comparing identical schemas does not result in DROP/CREATE of a procedure.	TDB-2045/2838693-1
	Compare Object does not load all database objects at once anymore, which improves its overall performance.	TDB-2429/3040952-1
Code Completion	Code Completion now offers all creators.	TDB-1280/2594500-1
Object Details	Grid controls for Excel export were added to the grid.	TDB-1735/2772256-1
Debugger	Toad has a new option to control port for communication with the z/OS Debug Session Manager. Select Options Debugger DB2 to change it.	TDB-2409/3045782-1
Explain Plan	Explain plan does not cause errors on SAP environment with Unicode set anymore.	TDB-2394
	Explain plan now uses Default schema/auth ID instead of login ID.	TDB-2289/2962270-1
General	Data Sharing member name is now shown. See the z/OS section for more information.	TDB-1748
	Code units are not displayed incorrectly for Unicode tables anymore.	TDB-2298/2967012-1
	Toad does not set DB2CODEPAGE to CCSID 1208 anymore.	TDB-2404/3037683-1
Migration	"Include DROP statements" option now works correctly.	TDB-2229
Object Details (DOV)	Error when getting detailed space usage information was fixed.	TDB-2313/2969045-1
Object Editor	When DEFER is specified in Index creation, RUNSTATS is not generated after the Index has been created.	TDB-1861
Script Generation	New CREATE TABLE syntax from z/OS 11 is now supported.	TDB-1891/2821895-1
	Plans for z/OS now work correctly.	TDB-2440
SQL Editor	Tab pop up menu now works correctly.	TDB-1650
	Cancelled long running DML scripts do not hold locks anymore. If a transaction is cancelled, ROLLBACK is issued automatically.	TDB-2041/2849385-1
	Editor does not have doubled menus on right clicks anymore.	TDB-1650

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Known Issues

The following is a list of issues known to exist at the time of this release.

Feature	Description	Support Case/Defect ID
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Object Details	When a DB2 object is created, DB2 implicitly creates authority for the user who created that object. In the system catalog tables those are shown as SYSIBM as the Grantor. When migration\compare\extended alter scripts are generated Toad does not generate GRANT statements in those scripts for authorizations granted by SYSIBM because those are granted implicit authorizations that have been created by DB2.	TDB-870
Dashboard	Dashboards created in beta version may not always open successfully in subsequent beta drops. You may need to remove and create new dashboards during the beta cycle.	TDB-2479
Debugger	<p>You might encounter issues with initializing Unified Debugger sessions if the version of the DB2 for LUW server on which you are debugging is earlier than 10.1 fix pack 2.</p> <p>Workaround: If the DB2 server version is earlier than DB2 for LUW 10.1 fix pack 2, copy DB2DBGM.JAR from the Toad client installation to the following location on the server:</p> <ul style="list-style-type: none"> • DB2 instance home path/SQLLIB/JAR (Unix or AIX computer) • DB2 instance home path\SQLLIB\JAR (Windows computer) <p>Notes: If the DB2 server version is DB2 for 10.1 fix pack 2, use the JAR file supplied with your DB2 version. If replacing the JAR file as described in the workaround, make sure you back up the original JAR file on the server before replacing it with the one from the Toad client installation.</p>	N/A
	You may encounter problems setting breakpoints and variable watches when using the Unified Debugger on LUW instances 10.1 fixpack 2 and higher.	ST110352
	Currently, the debugger does not support Unicode schema names.	ST41770
	<p>After a STEP OUT request, the Debugger momentarily returns to the line just after the call to the inner procedure and then proceeds to execute to the end of the calling procedure.</p> <p>Workaround: Set a breakpoint after the call to the inner procedure.</p>	ST69377
Export Wizard/ One Click Export	Avoid using Excel for exporting if your data has numeric values that require a high precision because Excel's precision is limited to 15 digits. If you export numbers with more precision, the values are rounded. If you export boundary numbers (max, min), rounded numbers will exceed the data type limit.	N/A
Extract DDL	Extract DDL(z/OS) When extracting DDL for Database with "Include objects that are dependent upon those originally selected" the indirectly dependent objects (e.g. tables, indexes, etc.) are not included in the script if the tablespace was excluded.	ST104796

Workaround: Instead of selecting the Database and invoking Extract DDL, select the Tables and invoke Extract DDL Or Select the Database and invoke the Migrate Object feature. Then select “Include Objects that are dependent” and ‘Process multiple object levels’. Then you can selectively include or exclude the DDL for specific objects.

General	<p>Attempting to launch Toad results in a System.Security.Policy.PolicyException error.</p> <p>Workaround: Ensure that the system administrator has placed Toad in the correct code group with permissions to execute code.</p>	CR166752
	<p>Customized options defined in Toad's Configuration wizard are not applied if you are running as a Restricted user.</p>	CR216699
	<p>Toad z/OS Components reference QUEST.QC200ZPARM function, which leads to the S378 Abend, when running IBM DB2 z/10 subsystem in Conversion mode with older versions of Toad.</p> <p>Workaround: DROP QUEST.QC200ZPARM function from your DB2 z/OS 10 subsystem. This will eliminate the possibility of the function being called into the WLM environment procedure and causing the S378 abend. We do not recommend you to just STOP QUEST.QC200ZPARM function on the mainframe side, without actually dropping it, because that may cause Toad or batch process (QCEXEC - remote job execution) hang. Dropping QUEST.QC200ZPARM function is recommended.</p>	N/A
Installation	<p>The Toad installation process installs a DB2 client in the specified Toad installation path. If the user chooses to override the default Toad installation path, the new path cannot include Unicode characters because the DB2 client installation does not support such characters.</p>	N/A
	<p>Network and LAN installations are currently not supported.</p>	N/A
	<p>When installing Toad using Quest Installer on Windows 7 64-bit, Program Compatibility Assistant may appear with “This program might not have installed correctly” message.</p> <p>Workaround: Select This program installed correctly to continue installation.</p> <p>For more information, see here.</p>	N/A
	<p>Toad uses hardcoded values instead of some variables such as %USERNAME% in several path names and therefore App-V environment is not supported.</p> <p>For installation adhere to Windows Installer Best Practices, see here.</p>	TDB-1009/2297051-1
Pivot Grid	<p>TIMESTAMP is not detected as date column in pivot grid.</p>	ST90996
Space Management	<p>If running Toad for IBM DB2 6.0 or earlier in a pureScale environment and the QUEST.SH_SNAPSHOT procedure had</p>	N/A

been installed, the procedure will have to be redefined. Please, follow these steps:

1. Drop procedure QUEST.SH_SNAPSHOT
2. Right click a tablespace
3. Select **Space Management | View Space History**
4. Click **Yes** when prompted to run the install script for the procedure
5. Execute the script

SQL Editor	When using Korean symbols in comments (beginning with "--") for SQL script, the comment line and any following lines in the statement are treated as comments. Workaround: Korean symbols should not be used in comments beginning with "--" OR Block style comments should be specified like "/* comment */"	ST83795
	Toad does not handle DBMS_OUTPUT in the SQL Editor.	ST90710
z/OS Utilities	When using Utilities as the data preservation method and the length of a column tied to columns from other tables via RI is reduced. When executing the alter script the load fails with a DSNU334I INPUT FIELD INVALID error pointing to the altered column. The load cards show the old length for the altered column which appears to be the problem.	ST44753

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Third Party Known Issues

The following is a list of third party issues known to exist at the time of release of Toad for IBM DB2 6.2.

Feature	Description	Support Case/Defect ID
DB2 Client	In case Toad and a 9.5, 9.7 or 10.1 DB2 client is installed on Windows 8 or Windows Server 2012 IBM setup recommendation #1618434 has to be applied.	N/A
LUW Procedure Script Tab	After installing DB2 LUW v10.1.3, the script tab for LUW procedures is empty. This is due to an issue introduced by IBM in fixpack 3 regarding the NULLIF SQL function. IBM APAR IC96725 addresses this issue.	TDB-180/2303729-1
DB2 z/OS invalid Timestamp values returned	When the IBM DB2 Analytics Accelerator is used in conjunction with DB2 z/OS, along with an IBM DB2 .Net Data Provider v10.1.3, timestamp values returned from queries are invalid. Since Toad DB2 v5.6 uses the IBM DB2 v10.1.3 .Net Data provider, invalid timestamp values can be returned within Toad 5.6. IBM PMR 8862756 has been	N/A

opened on this topic.
Please consult that PMR for a work-around.

LUW Procedure Debugging	When the user is running DB2 Server 10.1.3 with a database that has been migrated from a previous release, the debugger will fail with a reference to SYSDEBUGPRIVATE. This occurs from an IBM bug in the db2upd10 update utility. IBM APAR IC96837 addresses this issue. This has been resolved in IBM DB2 10.1 FixPack 4.	TDB-708/2425004-1
Debugger	The Debugger may not advance to the next line under certain circumstances. Those circumstances include DECLARE statements with multiple variables defined on a single line and IF statements with multiple conditions defined on a single line. Workaround: In procedures that are to be debugged: The procedure text should be modified to separate DECLARE variables onto different lines and IF statements separated to have conditions on separate lines.	ST70691
	LUW: The following error message is displayed when you attempt to modify a watch value during a Debug session on a DB2 for LUW 9 database: "ERROR [57011] [IBM][DB2/NT] SQL0954C Not enough storage is available in the application heap to process the statement. SQLSTATE=57011" The call to modify the watch value fails on DB2, and the server runs out of heap memory. Workaround: To avoid the heap memory issue, increase the application heap size on the server.	CR188846
General	A double-byte character cannot be inserted into a database with a single-byte codepage. IBM PMR30857,756,000 states that this configuration is not supported.	CR220327
Excel	If an Excel file is open in Toad, you cannot open the same file in a separate Excel instance. To review this and other limitations when using Excel in the Web Browser, see "Considerations When Using the WebBrowser Control" at Microsoft Support .	ST42486
Export Wizard/ One Click Export	To export to an Office 2003 or 2007 Excel instance, the Office Primary Interop Assemblies (PIAs) must be installed. You can install the PIAs from one of the following locations: <ul style="list-style-type: none"> 2003 PIAs: http://www.microsoft.com/en-us/download/details.aspx?id=20923 2007 PIAs: http://www.microsoft.com/en-us/download/details.aspx?id=18346 	N/A
	Date formatting issues occur when exporting table data to an Excel file or instance. These issues seem to occur especially when exporting dates previous to 1900. Workaround: For better results, try exporting the data to a CSV file.	ST70817

Object Editor (DOE)	z/OS: Executing a procedure causes "Invalid SQL syntax" message when parameter listing has a new line character separating parameters. IBM has opened PMR 80539,756 to investigate this issue. Workaround: Remove the new line character and separate the parameters by the spaces.	ST87770
z/OS Utilities	DB2 LOAD utility with IGNOREFIELDS YES does not work with DEFLOAT(34) field, gets error message: DSNURUFL - INVALID COLUMN SPECIFICATION FOR TEST_CREATE_DEFLOAT1 Refer to IBM PM53520 for more information.	ST104158
	LOAD statement fails on partitioned table with 138 columns and leads to loss of data. Refer to IBM PMR 00276,756 for more information.	ST106605

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Getting Started

Contents of the Release Package

The Toad release package contains the following products:

1. Toad for IBM DB2 6.2
2. Product Documentation, including:
 - Installation Guide
 - Online Help
 - Release Notes

Installation Instructions

See the *Toad for IBM DB2 Installation Guide* for more information.

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Product Licensing

To activate a trial license

1. In the Licensing dialog, enter your license (Authorization) key.
2. Enter the site message included with the license key.

To activate a purchased commercial license

1. In the Licensing dialog, enter your license (Authorization) key.
2. Enter the site message included with the license key.

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Globalization

This section contains information about installing and operating this product in non-English configurations, such as those needed by customers outside of North America. This section does not replace the materials about supported platforms and configurations found elsewhere in the product documentation.

This release is Unicode-enabled and supports any character set. It supports simultaneous operation with multilingual data. This release is targeted to support operations in the following regions: North America, Western Europe and Latin America, Central and Eastern Europe, Far-East Asia, Japan.

This release has the following known capabilities or limitations: ** During the Toad for IBM DB2 installation process, if the user overrides the default installation path, the new path specification cannot contain Unicode characters. This limitation exists because Toad installs an IBM DB2 for LUW client in the specified Toad installation path, and IBM DB2 installations do not support Unicode characters.

** (This limitation applies ONLY to the Xpert edition of Toad for IBM DB2 for z/OS and to the DBA edition of Toad for IBM DB2 for LUW) Dell SQL Optimizer for IBM DB2 z/OS and Toad Remote Script Execution (for IBM DB2 LUW or z/OS) support single-byte character sets only. These features do not support double-byte or multi-byte character sets. All IBM DB2 client and server installations should be configured to use the same or compatible character encodings and the same locale and regional options.

For More Information

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- Product notifications
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- How-to videos

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