

Toad® Data Point 4.2

Release Notes

Friday, April 28, 2017

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About Toad Data Point

Toad® Data Point is a multi-platform database query tool built for anyone who needs to access data, understand data relationships, and quickly produce reports.

With Toad Data Point, you can:

- Connect to almost any database or ODBC data source (see the Release Notes for a list of tested ODBC connections)
- Write SQL queries and join data across all platforms
- Automate and schedule frequent and repetitive tasks
- Streamline data collection
- Collaborate with team members
- Export data in a variety of file formats

Toad Data Point provides a full-featured Database Explorer, Query Builder, and Editor for the following databases:

- Oracle®
- SQL Server® and SQL Azure
- IBM® DB2® (LUW and z/OS)
- SAP® ASE, IQ, SQL Anywhere, and HANA
- Teradata®
- MySQL

Toad Data Point also provides querying and reporting functionality via the following provider types:

- ODBC

- Business Intelligence and NoSQL data sources
- Microsoft® Excel®
- Microsoft Access®

ODBC Connections

The purpose of the ODBC provider is to offer basic connection and querying capabilities to any database that supports an ODBC 3.0 or later driver. For a list of databases tested with the ODBC provider, see the System Requirements in the Release Notes. This form of connectivity allows connections to databases such as Netezza, IBM iSeries, Ingres, and Vertica™. Because this form of connectivity is generic, it is not full-featured and may not be as robust as the fully-exploited providers for the other databases.

Business Intelligence and NoSQL Data Sources

Toad Data Point provides users with the ability to connect to non-traditional data sources, such as Business Intelligence and NoSQL sources. You can connect to these data sources and explore data and objects, query data, report results, and automate tasks.

The following data sources are supported:

Business Intelligence	Oracle Business Intelligence Enterprise Edition (OBIEE), SAP Business Objects™, Salesforce®, Microsoft SQL Server Analysis Services, Google Analytics™, OData, and SharePoint®
NoSQL	Azure Table Services, Cassandra™, Cloudera Impala, DynamoDB, HBASE™, Hive™, MongoDB™

New Features

- [Toad Data Point - Professional Edition](#)
- [Toad Data Point - Base and Professional Editions](#)

Toad Data Point - Professional Edition

The Toad Data Point Professional edition includes the following new features and enhancements.

Toad Intelligence Central

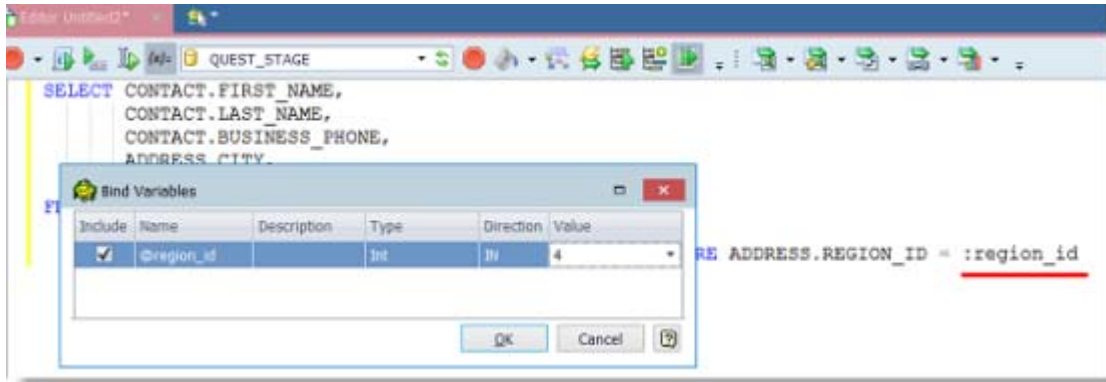
Note: This feature is available in the Toad Data Point Professional edition only and requires access to a Toad Intelligence Central server.

Publish View with Variable in SQL

You can now publish a view that contains a variable. This new feature allows data providers to include variables in a published view so data consumers can change the value prior to viewing the result set.

Note: This new feature is supported in Intelligence Central 3.3 or later.


1. To use this new feature, create a query containing a variable.

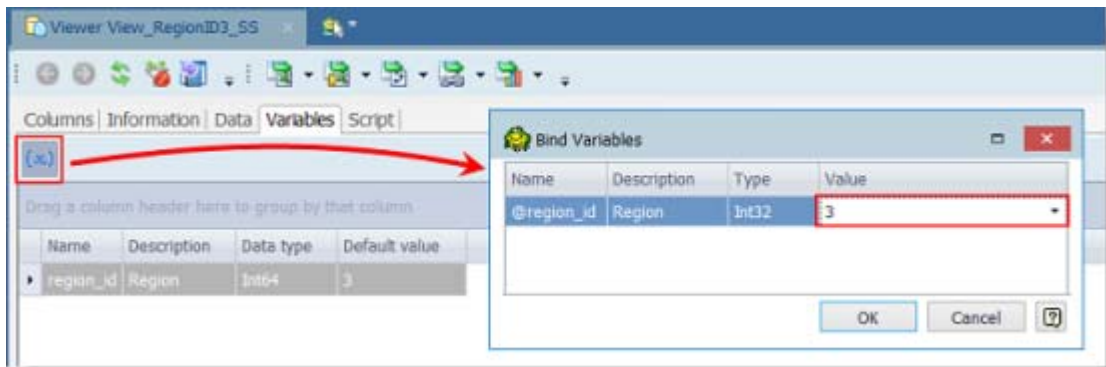


2. Then publish the query as a **View**. The Publishing dialog allows the publisher to specify a default value for each variable in the SQL at the time of publishing.



3. After publishing, the **View** owner or users with Manage privileges can modify the default value. In this way users can enter their own variable values prior to viewing the result set.

To edit the variable default value, in the Object Explorer right-click the **View** and select **View Details**. Select the **Variables** tab and click the **Edit default variables** button .



4. In the Web interface for Toad Intelligence Central 3.3 (or later), a similar feature allows users to enter a value for each variable in the SQL prior to **Downloading** the view. See the [Toad Intelligence Central Quick Start Guide](#) for more information.

Prompt for Variable Value when Running Published Automation Scripts

Note: This new feature is supported in Intelligence Central 3.3 or later.

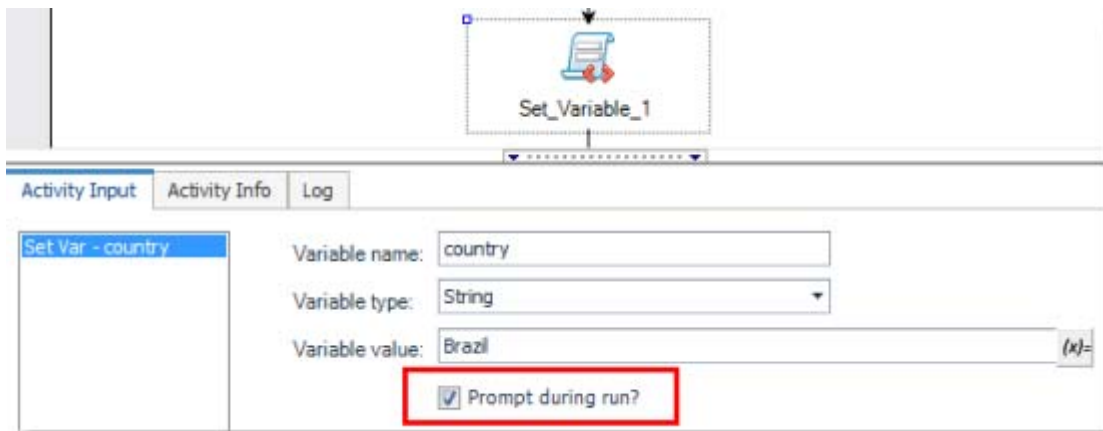
This release includes a new feature for Automation scripts that allows you to instruct Toad to prompt for a variable value at run time (for manually-executed scripts). This feature is supported for an Automation script executed locally or for a published script executed in Intelligence Central.

This feature applies to the following types of scripts:

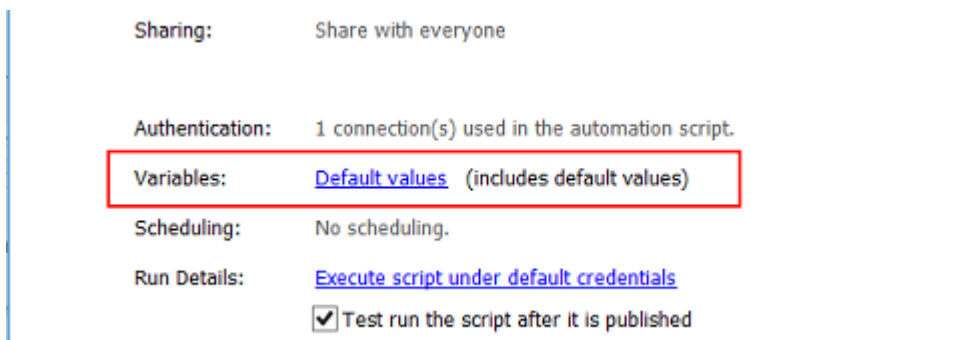
- An Automation script containing a Set Variable activity. The **Prompt during run** option must be selected.
- An Automation script containing a Send Email activity. The **Prompt** option must be selected.

Review the following feature details:

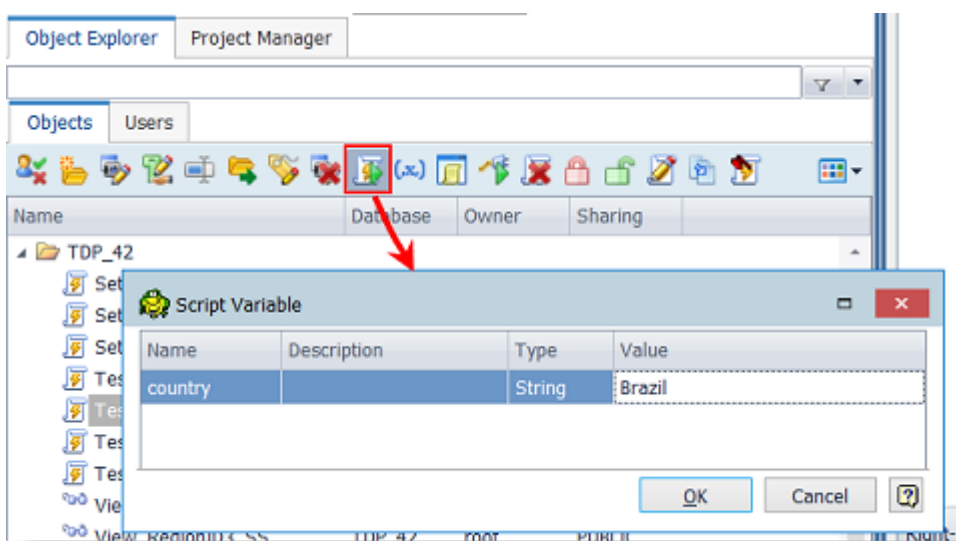
1. To use this feature, create an Automation script containing either a Set Variable activity or a Send Email activity.
2. In the Set Variable activity, select the **Prompt during run** option. In the Send Email activity, select the **Prompt** option.




3. **Publish and specify default value.** Publish the script. The Publishing dialog allows the publisher to specify a default value for each variable in the script.



4. **Prompt for run-time value.** When a user manually executes the published script, Toad prompts for a run-time value for each variable in the script. The new value is used in this execution only and the default remains unchanged.



5. **Edit default value.** After publishing, the script owner or any user with Manage privileges can modify the default value. To modify the default value, select the script in the Object Explorer and click the **Edit script default variables** button . If the script is scheduled, the default value is used in the scheduled execution.



6. **In the Web interface for Toad Intelligence Central 3.3 (or later),** a similar feature prompts the user for a variable value when the user attempts to manually run an Automation script. See the [Toad Intelligence Central Quick Start Guide](#) for more information.

Publish Data from Dimensional Viewer Using Automation

This release includes a new Automation activity which allows you to export or publish data from a Dimensional View. Use this new activity in Automation workflows such as the following:

- Publish Dimensional Viewer data to Intelligence Central as a dataset. You can publish each view (container) in the Dimensional Viewer document to a separate dataset.
- Publish Dimensional Viewer data to an Excel file. Then add a Publish File activity to your script to publish the Excel file to Intelligence Central.

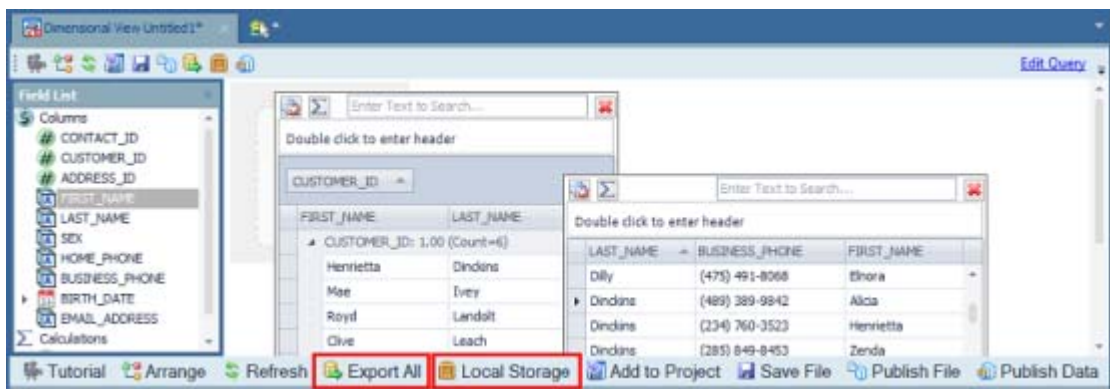
Improved Error Messaging. For scheduled scripts running on Intelligence Central, Toad provides improved error logging and more meaningful error messages.

Data Management

Dimensional Viewer

This release includes several new enhancements to the Dimensional Viewer. You can now export all views to a file or location, publish data to Intelligence Central, and edit the underlying query.

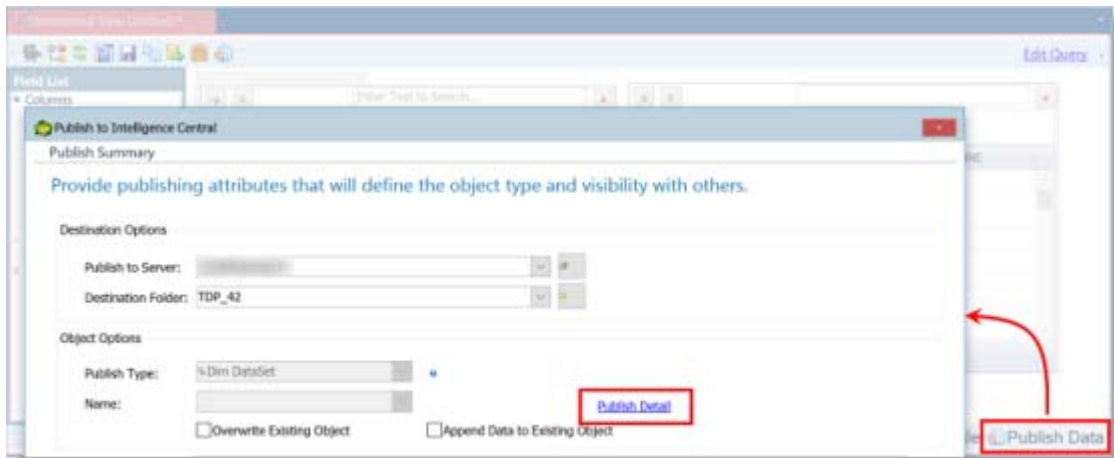
- **Export All Views to Excel or Local Storage.** You can now export all views (containers). Multiple views can be exported to multiple worksheets in an Excel file or to multiple tables in Local Storage.
 - To export to Excel, click **Export All** in the Wizard bar.
 - To save to Local Storage, click **Local Storage** in the Wizard bar.



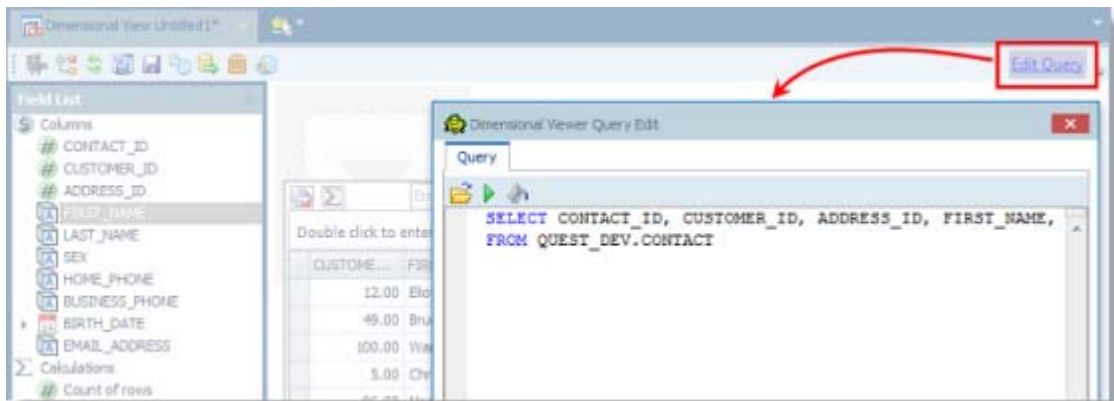
- **Publish Data to Toad Intelligence Central.** You can now publish view data to Intelligence Central as a dataset. Publish either a single view or publish multiple (or all) views. Each view is published as an individual dataset.
 - To publish a single view, right-click within the view and select **Send To | Publish Container**.

- To publish multiple (or all) views, click **Publish Data** in the Wizard bar. Then in the Publishing dialog, click **Publish Detail** to select which views to publish. You can also give each dataset (container) a unique name.

Note: Publishing to Intelligence Central requires access to a Toad Intelligence Central server.



- **Edit Query.** You can now edit the underlying query for the Dimensional View document. Click **Edit Query** in the Dimensional View window.



Connections

ODBC Connections - Enable Disk Caching to Improve Performance

- For ODBC connections, you can now instruct Toad to cache object metadata and retain it between Toad sessions. Using this option can improve performance in future requests. To specify this option, select **Tools | Options | Database | ODBC**.

OData. This release includes support for OData version 4.

IBM iSeries ODBC. A Functions tab now displays in the Object Explorer for iSeries connections, as expected.

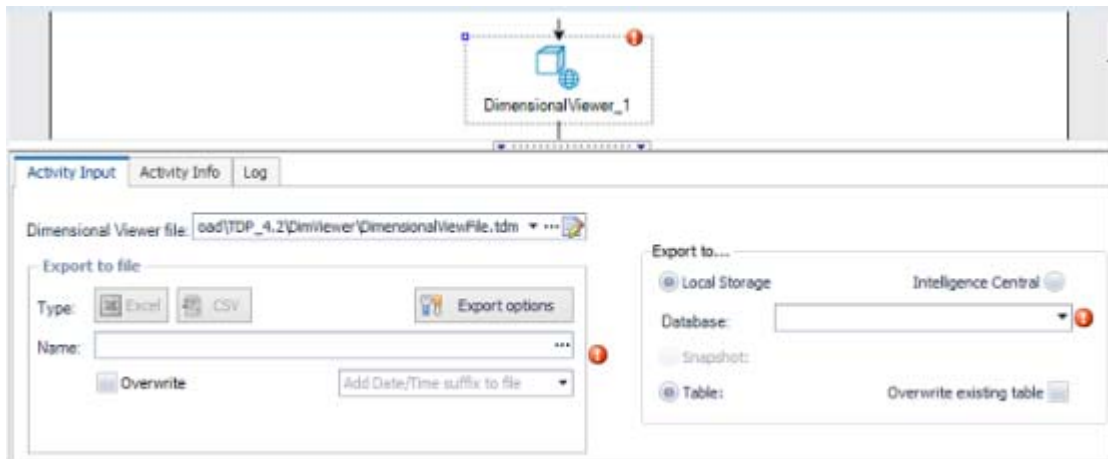
Azure DataMarket. In this release of Toad Data Point, the option to create a connection to Azure DataMarket is no longer available. See <https://datamarket.azure.com/browse/data> for more information about Microsoft's announcement to retire DataMarket.

Automation

Dimensional View Activity

This release includes a new Automation activity for exporting data from a Dimensional View. This new activity allows you to open an existing Dimensional View file, execute the query, and export the data to Excel, Local Storage, or Intelligence Central.

- To use the Dimensional Viewer activity, drag it from the Automation toolbox to the script design area. Select an existing Dimensional Viewer file. Then select an export method and specify export options.



- If the underlying query for your Dimensional View uses a variable or bind parameter, you can use the Set Variable activity to instruct Toad to prompt for a variable value during each script execution. See a description of this new feature in the **Toad Data Point - Base and Professional Editions | Automation** section.
- Several other new enhancements are included in the Dimensional Viewer in this release. See the **Toad Data Point - Professional Edition | Data Management | Dimensional Viewer** section for more information.

Toad Data Point - Base and Professional Editions

The Base and the Professional editions of Toad Data Point contain the following new features and enhancements.

Query Development

SQL Recall

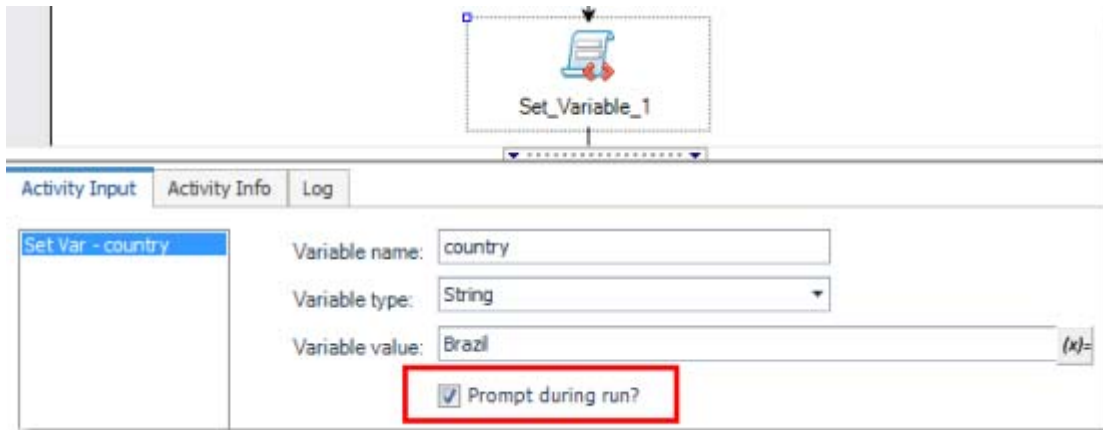
Oracle Connections. For Oracle connections, when you use F5 to execute all statements or click **Run Script** in the Wizard bar, all executed statements are now saved to SQL Recall.

Automation

Set Variable Activity

Prompt for Variable Value at Run Time. In the Set Variable activity, you can now instruct Toad to prompt for a variable value each time you manually execute the Automation script.

1. To use this feature, specify a named variable and variable value using the Set Variable activity.
2. In the Set Variable activity, select **Prompt during run**.



3. Execute the script manually. Toad prompts you for a variable value by opening the Bind Variables dialog. Use the default value or enter a new value. The new value is used in this execution only and the default remains unchanged.

If you schedule the script, scheduled execution uses the default value you specified through the Set Variable activity.

4. When you build a script that uses the Set Variable activity to set the value of a bind parameter or variable for SQL located in another activity, this feature allows you to easily modify that value at run time without modifying the script.

This feature also applies when scripts are published to and manually executed in Intelligence Central. See the **Toad Data Point - Professional Edition | Toad Intelligence Central** section to learn how this feature is used in published Automation scripts.

Send Email Activity

Prompt for Recipient Address at Run Time. In the Send Email activity, you can now easily instruct Toad to prompt for a recipient email address each time the Automation script is manually executed.

1. To use this feature, add a Send Email activity to your Automation script. Specify a default value in the **To** field.
2. Then select the **Prompt** check box. This instructs Toad to treat this field as a variable field and to prompt for a value.



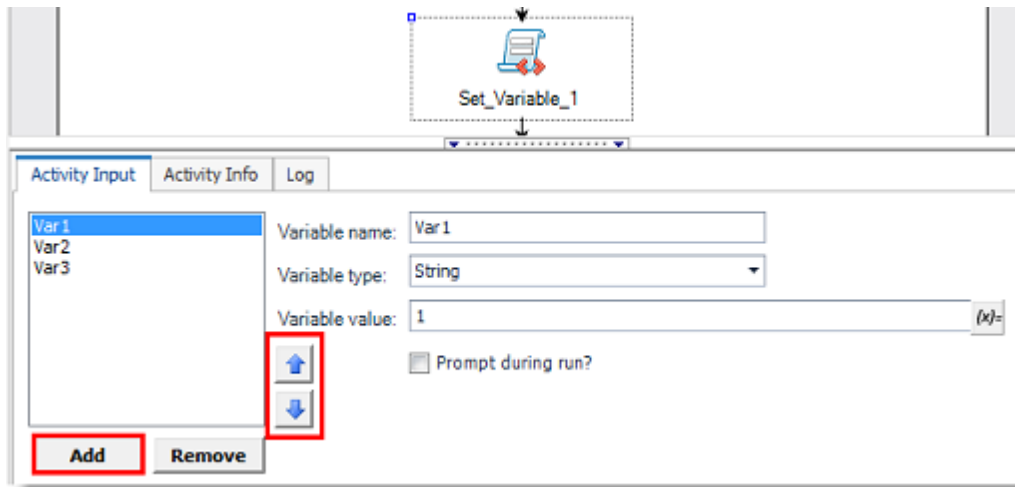
3. Execute the script manually. Toad prompts you for a variable value by opening the Bind Variables dialog. Use the default value or enter a new value. The new value is used in this execution only and the default remains unchanged.

If you schedule the script, scheduled execution uses the default value you specified in the **To** field.

This feature also applies when scripts are published to and manually executed in Intelligence Central. See the **Toad Data Point - Professional Edition | Toad Intelligence Central** section to learn how this feature is used in published Automation scripts.

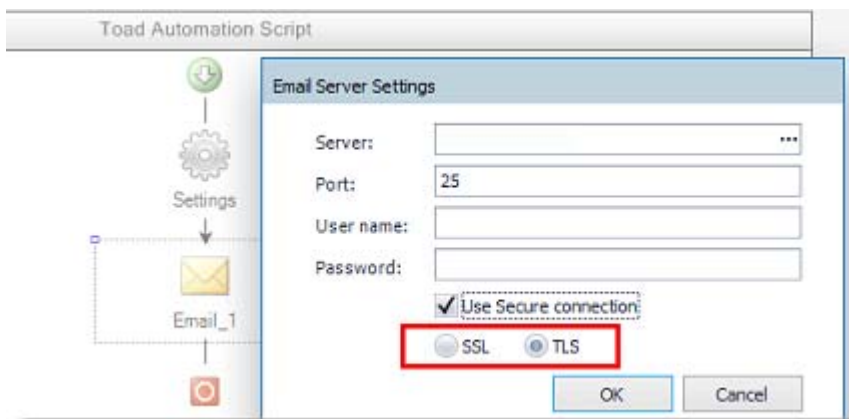
Set Variable and Set Variable Value Activities

- **Reorder Variable List.** In the Set Variable and the Set Variable Value Automation activities, you can now reorder the list of variables.



Email Server Settings

- You can now select between SSL or TLS when specifying a secure email connection. You can specify email server settings in the **Send Email** activity or in script **Settings | Compose Email**.



Select to File Activity

- **Export File Name Suffix.** When appending a suffix to the export file name, you can now only select a date or datetime suffix. To include a variable or expression in the suffix, use the Set Variable activity to define a variable or build an expression. Then use the variable as a suffix in the export file name by entering the hash symbol before and after the variable name (#VariableName#).
- This change also applies to the **Clean Data activity**.

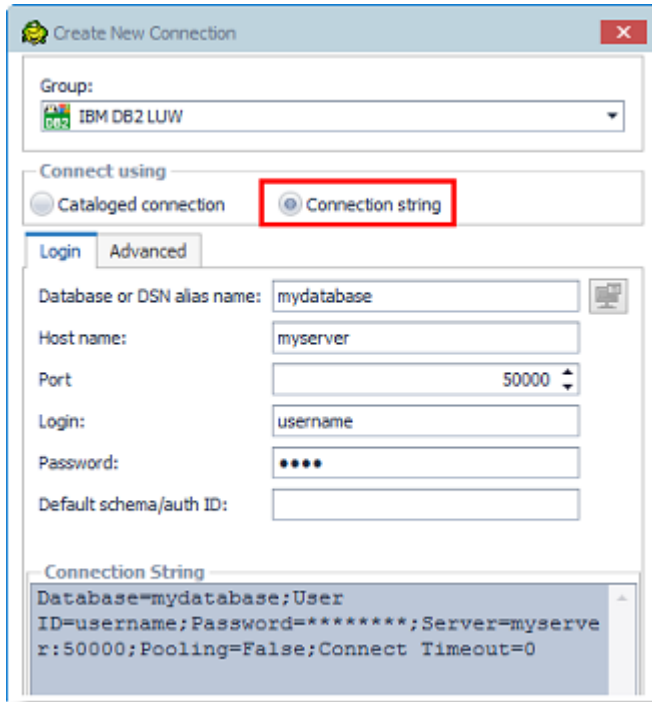
Connections

Support for SQL Server 2016

- Toad Data Point has been tested with SQL Server 2016. In addition to this release, Toad Data Point 4.1 has been tested with SQL Server 2016.

IBM DB2 Connection String

- You can now use a connection string to define a DB2 connection. To use this method, select the **Connection string** option in the Create New Connection dialog. Then enter connection information in the fields. The connection string is displayed in the Connection String text box.



Improve Oracle Query Performance

- This release includes a new option that allows you to improve query performance for Oracle connections by fine-tuning the batch size for your query. To use this feature, go to **Tools | Options | Database | Oracle**. In the **Number of rows to fetch in all queries** field, specify the number of rows to fetch.
- As an alternative option, select the **Default** check box to allow batch size to be adjusted automatically.

Installation

Microsoft .NET Framework Requirement

This release of Toad requires Microsoft .NET Framework version 4.5.1 where .NET 4.5 was previously required. See the System Requirement in the *Toad Data Point Release Notes* for .NET requirements for your operating system. During installation, if .NET 4.5.1 is required and not detected, installation stops, Toad provides a link, and you are prompted to download .NET 4.5.1.

Start Menu and Application Directory

- By default, you will now find Toad Data Point under **Quest Software** in the **Start** menu.
- The default location for the Toad Data Point application directory (fresh install) is now under **Quest Software**.

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

Idea Pond



Got a great idea for a new Toad Data Point feature or enhancement? Share it with the Development Team and the Community by posting it on Idea Pond.

Visit [Toad Data Point - Idea Pond](#) where you can submit your ideas. You can also read and vote on the enhancement ideas submitted by other Toad users.

Learn More

Remember, you can find blogs, videos, and forums at the [Toad Data Point Community](#).

- Learn about new features from product video demos.
- Find answers to your questions in the forums.
- Learn tips and tricks from blog posts.
- Find product documentation

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Resolved Issues and Enhancements

The following is a list of issues addressed and enhancements implemented in this release of Toad Data Point.

Feature	Platform	Resolved Issue / Enhancement	Defect ID
Automation	N/A	Select to File activity: Corrected an issue that caused an error when attempting to execute SQL containing a comment in the Preview SQL dialog.	QAT-9380
Automation	N/A	When defining Email Server Settings for a script or in the Send Email activity, you can now specify to use either the SSL or the TLS protocol for a secure connection.	QAT-8902
Automation	N/A	Corrected an issue that caused Toad to delete the log file for a previously scheduled and executed Automation script when the script was subsequently opened in Toad.	QAT-9427
Automation	N/A	Execute Script activity: An error is no longer encountered when the SQL query contains valid SQL, but not a SELECT statement.	QAT-9428
Automation	N/A	If Condition activity. Corrected an issue that caused a "'False', cannot be converted to boolean" error when executing a script containing an If Condition activity.	QAT-9543
Automation	N/A	The Set Variable activity now retains leading zero in variable value, as expected. This issue was discovered when the variable value was set from data collected and stored in the dataset variable in the Loop Dataset activity.	QAT-8917
Automation	N/A	Corrected an issue that prevented dynamically generated hyperlinks in the html version of a Toad Data Report from working correctly when this file is used as the body of the email in the Send Email activity.	QAT-7165
Automation	N/A	Enhancement: When the Set Variable activity contains multiple variables, you can now easily reorder variables in the list using Up and Down buttons.	QAT-9505
Automation	N/A	Corrected an issue that caused Toad to close unexpectedly when executing a scheduled Automation script. The script was one of several closely-scheduled scripts.	QAT-9854
Automation	N/A	Corrected an issue that caused an error ("Unable to parse any SELECT statements from the SQL query") when running Select to File activity in an Automation script created in a previous version of Toad.	QAT-10021
Automation	N/A	Corrected an issue in which a variable value containing a decimal separator was not handled correctly in a Windows environment with Region and Language set to German. This issue was encountered with the Execute_1_SQL result set variable.	QAT-9819
Automation	N/A	Enhancement: In the Set Variable activity, you can instruct Toad to prompt for a variable value each time the script is manually executed.	QAT-7672
Automation	N/A	Enhancement: In the Send Email activity, you can instruct Toad to prompt for the Recipient email address each time the script is manually executed.	QAT-7672
Automation	N/A	Send Email activity: Corrected an issue that prevented a datetime variable from displaying correctly when inserted in the Subject line of an email.	QAT-3599

Feature	Platform	Resolved Issue / Enhancement	Defect ID
Connections	Cisco Information Server (Composite) ODBC	Corrected an issue that caused Toad to hang when retrieving tables. This issue was encountered when the Cisco 7.0 driver was used.	QAT-9656
Connections	SAP IQ	Added support for Russian characters for SAP IQ connection.	QAT-9506
Connections	Apache Hive	Added support for Hive split() function.	QAT-8867
Connections	Oracle	Added support for "=" character in Oracle user account password.	QAT-9757
Connections	OData	Tested Toad Data Point with OData version 4.	QAT-9114, TIC-6377
Connections	IBM iSeries ODBC	Functions are now displayed in the Functions tab in the Object Explorer for iSeries connections, as expected.	QAT-9726
Cross-Connection Query	Oracle	The Oracle DECODE() function is not supported in a cross-connection query. If used, an informative message displays instructing the user to use the CASE expression instead.	QAT-9683
Cross-Connection Query	Oracle	If the TRUNC() function, which is unsupported, is used in a cross-connection query, an informative message now instructs the user how to use an equivalent function instead.	QAT-9679, TIC-6772
Data Compare and Sync	Oracle	Corrected an issue that prevented the millisecond component of the Oracle Timestamp field from converting correctly leading to inaccurate comparison results.	QAT-9411
Data Compare and Sync	N/A	Corrected an issue that caused an "Unknown type found during storing data" error when result sets containing a GUID where compared using the Data Diff Viewer in the SQL Editor.	QAT-9540
Data Compare and Sync	N/A	When exporting data comparison results to an .xls file, if the number of exported rows is larger than Excel limit, remaining rows are exported to additional worksheet/worksheets. This does not apply to .xlsx files.	QAT-9254
Data Compare and Sync	MySQL	Corrected an issue that caused a "Query execution was interrupted" error when two or more tables are selected for comparison.	QAT-9332
Data Visualization	N/A	Corrected an issue that did not correctly plot data points on the graph when dimensional grouping "Second" was used.	QAT-8529
Database Explorer	Apache Hive	HiveServer2: Corrected an issue that caused an error when attempting to view data in the Database Explorer (Viewer) for a HiveServer2 connection. This issue occurred only when viewing the Data tab of the Database Explorer, not when executing/retrieving data in other Toad modules.	QAT-8862
Database Explorer	Apache Hive	Data in Array data type columns now displays as expected in the Toad Data Point Database Explorer (Viewer), Data tab.	TIC-6417
Database Explorer	IBM DB2	Corrected an issue in which Toad in Read-Only mode was attempting to access SYS<xyz>Auth tables for a user account that did not have permissions. This resulted in a Security error and a suspended user account.	QAT-10206
Dimensional Viewer	N/A	You can now create a dimensional view from SQL containing a bind parameter or variable.	QAT-8494
Dimensional Viewer	N/A	Null values for a Time column now display correctly.	QAT-9434
Dimensional Viewer	N/A	Null is now treated correctly when creating and using a Rollup field defined using the "Create N equal rollup" option.	QAT-8191
Dimensional Viewer	N/A	If you input invalid values when defining a Rollup field, Toad now displays an informative warning message.	QAT-8188

Feature	Platform	Resolved Issue / Enhancement	Defect ID
Dimensional Viewer	N/A	Corrected an issue that caused the view (container) to close after the "Second" component of a Date column was added to it.	QAT-9279
Dimensional Viewer	N/A	If a Date column has a Null value, the date component columns now also have the Null value, as expected.	QAT-9269
Dimensional Viewer	N/A	In a Rollup for a Date column, if Null values exist, Null is correctly displayed as the min value and can be included in one of the ranges.	QAT-9259
Export Wizard	N/A	Corrected an issue that prevented Toad from detecting and listing the macros when exporting to a macro-enabled Excel file using the Export Wizard.	QAT-8550
Export Wizard	N/A	Corrected an issue that caused an error when executing a macro in a macro-enabled Excel file from the Export Wizard. This issue was encountered with Office 2013.	QAT-9722
Export Wizard	N/A	Corrected an issue that caused Toad to hang after selecting a very large table or a query with a large result set on the Select Objects page of the Export Wizard.	QAT-8401
Export Wizard	N/A	Corrected an issue that caused an error (The process cannot access the file <file name> because it is being used by another process) in an Automation script using the Export Wizard activity to export to a macro-enabled Excel file.	QAT-10013
Export Wizard	N/A	Corrected an issue that prevented export to the correct cell (specified in the "Start export at" export option) when using an Export template created in a previous version of Toad. This issue was encountered when using the Export template in an Automation script.	QAT-9893
Import Wizard	Oracle	Corrected an issue which caused the import of data into a CLOB column to fail.	QAT-9800
Import Wizard	N/A	When the Import Wizard is loading preview data for a long-running query, a progress bar is displayed and the Next button is disabled until the process is finished and import can proceed.	QAT-10076
Import Wizard	N/A	Corrected an issue in which a long-running query timed out before preview data was loaded. This prevented the import process from proceeding. This issue was encountered with a Teradata connection.	QAT-9539
Local Storage	N/A	Corrected an issue that caused Toad to pause indefinitely with the log message "writing to local storage" during a long Automation script execution.	QAT-9772
Object Explorer	SQL Server	Corrected an issue that caused a table's creation date to be displayed as a number instead of a date in the Object Explorer. This issue was encountered in the 64-bit version of Toad.	QAT-9098
ODBC Connections	ODBC	Enhancement: You can now instruct Toad to retain object metadata between Toad sessions for ODBC connections (Tools Options Database ODBC). This can improve performance in future requests. This issue was encountered in a Vertica ODBC connection.	QAT-9727
Query Builder	N/A	When adding an IN clause using the Where Condition editor, values are no longer trimmed.	QAT-9410
SQL Editor	Oracle	For Oracle connections, if you use F5 to execute all statements, all executed statements are now saved to SQL Recall.	QAT-9312
SQL Editor	Oracle	Corrected an issue that resulted in an "ORA-25408: cannot safely replay call" error when attempting to connect to an Oracle database.	QAT-9347

Feature	Platform	Resolved Issue / Enhancement	Defect ID
SQL Editor	N/A	Corrected an issue that caused Toad to hang when attempting to open or execute a sql file if the "Show information pop-ups for Objects" option is selected (Options Editor Tools).	QAT-9826
SQL Editor	Oracle	Corrected an issue that intermittently caused a "You have uncommitted transactions..." message when no data update statements had been executed.	QAT-9835
SQL Editor	N/A	Enhancement: You can now select text vertically in the Editor using ALT+click. This feature can be found in Toad Data Point 4.1, as well as 4.2.	TDB-2343
SQL Editor	N/A	When executing a query, if there is not sufficient free space in the user's temporary drive, Toad displays an informative message and terminates execution. These temp files are deleted when Toad closes.	QAT-10009
Toad Data Reports	N/A	The default format for decimal data types is now number instead of currency.	QAT-9836
Toad Intelligence Central	N/A	Corrected an issue that prevented snapshot refresh status from displaying correctly for a Windows Authentication account. In this case, "Fetching status failed" was displayed for the refresh status when snapshot details were viewed (View Details Information).	QAT-9512
Toad Intelligence Central	N/A	Automation script: When publishing an Automation script containing a Loop Dataset activity with a linked SQL file, you are now prompted to embed the linked SQL prior to publishing to Toad Intelligence Central.	QAT-9551
Toad Intelligence Central	N/A	Corrected an issue that caused an error when attempting to download a .sql file published from Toad for Oracle to Intelligence Central.	QAT-9515
Toad Intelligence Central	N/A	Enhancement: For a script running in Intelligence Central, you can now cancel the script during a Pause activity.	QAT-9821
Toad Intelligence Central	N/A	Automation script: Corrected an issue in which changes to the child script in a Run Automation Script activity were not successfully saved for a script running in Intelligence Central.	QAT-9425
Toad Intelligence Central	SAP ASE	Corrected an issue that caused an error when publishing to an Intelligence Central server containing a version of Toad that is different than the version used to publish.	QAT-9662
Toad Intelligence Central	Redshift	Corrected an issue that caused an error when attempting to publish data to Intelligence Central from a Redshift connection.	QAT-9262
Toad Intelligence Central	N/A	Corrected an issue in which the user's edits to the Scheduler's configuration file (InitService.xml) were ignored.	QAT-10060
Transform and Cleanse Data	N/A	Corrected an issue that caused Toad to close unexpectedly if an incorrect data type error was encountered when attempting to create a calculated column.	QAT-9784
Transform and Cleanse Data	N/A	If you select Tools Transform and Cleanse and then select Current Window, Toad now samples the first 1000 rows (or the specified sample size) instead of retrieving all rows.	QAT-10036
User Interface	N/A	In the Save As dialog, Toad now provides a file extension (selected) in the File Name field to help the user provide a file name.	QAT-8966

Note: This list does not include every resolved issue for this release. To inquire about an issue not listed here, please contact the Toad Data Point Team at the [Toad Data Point community Web site](#).

Toad Intelligence Central Resolved Issues: If you are publishing objects to Intelligence Central, you can review the [Toad Intelligence Central - Release Notes](#).

Known Issues

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

Feature	Platform	Known Issue	Defect ID
General	Sybase ASE	<p>Currently, if you open a Toad file in Toad Data Point 3.0 or later that contains a connection to Sybase ASE and was saved in Toad for Data Analysts 2.7 (or earlier) the file opens in an untitled Editor window. Use the following workaround which is for a Query Builder file, but a similar method can be used for any Toad file.</p> <p>Workaround 1:</p> <ol style="list-style-type: none"> 1. If you receive a message stating that the saved file cannot be opened, close the message pop-up. You will see that your Toad Query Builder document is open in an Editor window. Send this document to the Query Builder (Editor Send to Query Builder). 2. Save the new Query Builder document as a new Toad file. <p>Workaround 2:</p> <ol style="list-style-type: none"> 1. Open the Toad file in Notepad. 2. Use Find and Replace to change all instances of "sybase" (all lowercase) to "Sybase" (first character uppercase, with the rest lowercase). 	N/A
General	Excel	<p>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: http://support.microsoft.com/kb/304662.</p>	ST42486
General	Salesforce	<p>After successfully changing the password or token for a Salesforce connection in Toad, attempting to open a Toad document created in a previous version (3.7 or earlier) using this connection results in a "Could not resolve connection" error.</p> <p>Workaround: Recreate the Toad document (Import/Export template, Query Builder file, Automation script, etc.) using Toad Data Point 3.8 or later.</p>	N/A
Installation/ Upgrade	All	<p>(MSI installs on Windows Vista and 7) If you are using MSI to install Toad on Windows Vista or 7 with UAC enabled, you can install a file that adds a "Run as administrator" option when right-clicking the MSI file:</p> <p>http://www.symantec.com/connect/downloads/msi-run-administrator-context-menu-vista</p>	N/A
		<p>Toad Data Point does not support installation paths that contain UNICODE characters.</p>	N/A
		<p>Toad Data Point 3.0 or later doesn't support User IDs that contain Unicode characters.</p>	ST90367, ST90372
		<p>The Toad Data Point Read Only installation is read-only for all databases, with the exception of MySQL. If you are using a Read Only installation of Toad Data Point, you will be able to modify a MySQL (and only MySQL) database.</p>	N/A

Feature	Platform	Known Issue	Defect ID
		<p>Currently, you cannot install Toad Data Point to a path that contains non-English characters. By default, Toad Data Point installs IBM DB2 merge modules as part of the standard installation process. These merge modules only support English characters.</p> <p>Workaround (Stand-alone installation): In the Destination Folder page of the installer, only use a destination directory that contains English characters</p>	ST66330
Installation	n/a	<p>During installation on Windows 8, some users might encounter a prompt from Windows to install .Net Framework 3.5.</p> <p>Workaround: In the Windows prompt, click Skip this installation to instruct Windows <i>Not</i> to install .Net Framework 3.5.</p>	N/A
Installation	n/a	<p>For some languages (languages using double-byte character encoding) specified using the Current language for non-unicode programs option in the Windows Region and Language dialog, the trademark symbols do not display correctly in the installer.</p>	TDB-645
Startup	DB2	<p>(Windows Vista on Toad client only) From the Client Configuration Wizard, when exporting the DB2 catalog profile as a standard user, the profile should be saved to the default installation directory in C:\Program Files\.</p> <p>However, a standard user does not have write privileges in Vista to C:\Program Files so the catalog profile is saved to the following directory instead:</p> <p>C:\Users\db2admin\AppData\Local\VirtualStore\Program Files\Quest Software\Toad Data Point 4.2</p>	N/A
Connections	ODBC	<p>Currently, Toad does not support ODBC connections to the following databases:</p> <ul style="list-style-type: none"> • Sybase Advantage • Oracle RDB • Progress OpenEdge • MySQL ODBC (The ODBC 3.51.17.0 driver is not supported, and attempting to connect using this driver results in columns not displaying for tables.) <p>Workaround:</p> <p>Upgrade the MySQL ODBC driver to 3.51.27.00 or later to display table columns.</p>	ST69744
	Access	<p>Currently, for a password-protected Access database, selecting Save password in the Connection Properties dialog does not preserve the password for the next Toad session.</p> <p>Workaround:</p> <ol style="list-style-type: none"> 1. To open a password-protected Access connection, right-click the connection in the Navigation manager and select Properties. 2. Select the Advanced tab and enter the password. 3. Select the Save password checkbox and click Connect. <p>Note: This will allow you to connect to the database and save the password for this session of Toad. Repeat the procedure if you re-launch Toad.</p>	ST94125

Feature	Platform	Known Issue	Defect ID
Connections	Vertica ODBC	<p>When using the Vertica ODBC driver version 6.1.1, data containing UTE-8 characters does not display correctly.</p> <p>Workaround: Right-click the Vertica ODBC connection in the Connections Manager and select Properties. In the Connection Properties dialog, in the General tab, enter the following in the ConnectionString field:</p> <p style="padding-left: 40px;">ColumnsAsChar=0</p>	ST109484
Connections	Amazon Redshift	You might experience problems after a Redshift connection is unexpectedly dropped.	QAT-2194
Connections	Amazon Redshift	After canceling a Redshift query it might continue to run on the server.	QAT-2195
Connections	Amazon Redshift	<p>When a Redshift connection in Toad is inactive for a period of time, attempting to access the connection can result in an error.</p> <p>Workaround: Change the Windows TCP/IP timeout settings as recommended by Redshift. See "To change TCP/IP timeout settings" at http://docs.aws.amazon.com/redshift/latest/mgmt/connecting-firewall-guidance.html.</p> <p>Caution: Editing your Registry incorrectly can cause serious, system-wide problems. It is advised that you back up your registry before modifying it.</p>	N/A
Connections	N/A	Exported connections: A connection file exported from Toad Data Point 3.6 or later cannot be imported into version 3.5 or earlier.	N/A
Connections	MongoDB	For a MongoDB 3.0 (or later) connection, the user must have Read/Write privileges in the MongoDB database in order to view sub-tables (MongoDB embedded documents).	TIC-5520
Automation	All	<p>If Toad Data Point 4.2 is launched as administrator on Windows 7/Vista systems with UAC turned on and Outlook running, the auto-populate SMTP server info and contact list in Automation Email and Error Emails does not function properly.</p> <p>Workaround:</p> <p>Submit this information manually. Another option is to either run Toad Data Point 4.2 not as administrator, or turn UAC off, or close Outlook when adding the Send Email activity in Automation.</p>	ST80857
Automation	All	<p>When Toad runs <i>as an application</i> in a Citrix environment, scheduled scripts might not execute if the user who scheduled the tasks is not logged on. In addition, an "Access Denied" error is logged for the scheduled task in the Windows Scheduler.</p> <p>Workaround: Install and run Toad as a desktop when using Toad with Citrix.</p>	N/A
Data	ODBC - Ingress	<p>In some cases, earlier Ingress ODBC drivers display an "Invalid number of columns or parameters specified" error message when displaying data that has Unicode characters.</p> <p>Workaround:</p> <p>Download the latest Ingres 9.3 ODBC driver.</p>	N/A

Feature	Platform	Known Issue	Defect ID
Execution Plan	SQL Server	You cannot generate an estimated execution plan for a local temporary table because the execution plan uses a different connection to generate the plan and does not know about the temp table. Workaround: Use the actual execution plan button to generate execution plans for SQL that contains a temp table.	N/A
Export Wizard/ One Click Export	Access, Excel	Limitations when exporting fractional seconds: <ul style="list-style-type: none"> When exporting to an Access Database File, exports do not support fractional seconds, so the additional data is not exported. When exporting to an Excel instance, exports support only 3-digits for fractional seconds. However, if you export to an Excel file, it supports all fractional seconds. 	N/A
Import Wizard	Excel	Attempting to import data that was exported to an Excel instance where the fractional seconds were truncated results in an error.	N/A
		Attempting to import data from a template that contains multiple worksheets results in an error.	ST77978
	ODBC - DB2 iSeries, Netezza	Currently, the Truncate table checkbox is disabled on the Select Target page when using an ODBC connection to a DB2 iSeries or Netezza database.	ST77986
	Oracle, DB2	When importing data using the Add Query feature, BLOB data is not imported even though the dialog and log indicate that the import was successful.	ST77255
Library	N/A	A UAC setting at the highest level might interfere with the ability to drag a file to the Library window (from Windows Explorer) to add it to the Library. Workaround: Set UAC to the default level to enable adding a file by dragging it to the Library window.	N/A
Local Storage	N/A	Issue: Local Storage is incompatible with previous versions of Toad. If you upgrade to Toad Data Point 3.6 from a previous version, Local Storage upgrades silently and can no longer be used by the previous version of Toad Data Point (3.5 or earlier). If you plan to uninstall 3.6 after installing it and then resume using a previous version, backup your Local Storage data prior to installing 3.6. To backup Local Storage data <ol style="list-style-type: none"> Navigate to C:\Users\username\AppData\Local\Quest Software\Toad Data Point Hub Data. Make a copy of the <i>Toad Data Point Hub Data</i> folder and save it using a new name (such as <i>Toad Data Point Hub Data 3.5 backup</i>). If you uninstall 3.6, just move this copy back and use the original folder name. 	QAT-3812
Object Explorer/ Database Explorer	Sybase ASE	When viewing a table that contains a BIGTIME data type column, attempting to select the Data tab causes Toad to unexpectedly quit.	N/A

Feature	Platform	Known Issue	Defect ID
Object Explorer/ Database Explorer	Sybase ASE	Currently, only foreign key constraints can be added or modified for existing Sybase ASE tables.	ST55111
	Oracle 11g	<p>On the Create/Alter User window, if you are modifying a password, you must enter the password in the proper case. You do not need to surround the password with double quotes.</p> <p>If you enter the password in lowercase on the Create/Alter User window, and the generated script has a SQL command containing the password in lowercase, you will need to type the password in lowercase to login.</p> <p>If you enter the password in uppercase on the Create/Alter User window, and the generated script has a SQL command containing the uppercase in lowercase, then you will need to type the password in uppercase to login.</p>	ST66705
Query/ Query Builder	All	The Query Builder currently uses a 24-hour format for timestamps. Attempting to run a query with a date range that includes a 12-hour timestamp format results in incorrect formatting of the timestamp.	ST78729
Query/ Query Builder	Local Storage	Currently, in a cross-connection query using Local Storage, Toad does not support quoted table alias names (example, the table alias "foo bar"). Quoted column names are supported.	ST86483
Toad Intelligence Central	All	When data includes high-precision numbers (i.e., those with a large number of decimal places), results from publishing to Intelligence Central may not always be as expected. In some cases, data may be truncated to include not more than 15 significant digits.	N/A
Toad Intelligence Central	N/A	<p>Background: In Toad Data Point 3.5 or later, your Intelligence Central user name must be lower-case.</p> <p>Issue: In Toad Data Point 3.5 (or later), if you attempt to open a previously-saved connection to Intelligence Central 2.2 (or earlier) in which the user name contains upper-case letters, the connection will error.</p> <p>Solution: Upgrade to Intelligence Central 2.3.</p>	N/A
User Interface	N/A	<p>Issue: Toolbar sub-menus and buttons disappear when selected. If you experience this issue, use the following workaround.</p> <p>Workaround:</p> <ol style="list-style-type: none"> 1. In Toad, select Help About and select the Application Data Directory link to open this directory. Then exit Toad. 2. In the App Data directory, open the Session sub-directory and delete the Analyst.tss file. Restart Toad. 3. In Toad, select Tools Configuration Wizard. Click Finish to close the wizard without selecting an option. The default option will be applied. 	QAT-6045

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Third Party Known Issues

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

Feature	Platform	Known Issue	Defect ID
Connections	DB2	If you are using the DB2 Client version 9.5, 9.7, or 10.1 in a Windows 8 or Windows Server 2012 environment, follow the instructions in IBM DB2 Technote 1618434: http://www-01.ibm.com/support/docview.wss?uid=swg21618434 .	N/A
Connections	Excel	The following error is encountered when attempting to create a connection to an extremely large Excel file (for example, 20 MB or larger): "Microsoft. ODBC Excel Driver. System resource exceeded." For more information, see http://www.toadworld.com/products/toad-data-point/f/36/p/20201/40998.aspx . Workaround: Convert the Excel file to a CSV file.	N/A
Connections	Oracle	(Oracle 10.2.0.1 client only) Attempting to connect to an Oracle database From Toad using the 10.2.0.1 Oracle client results in the following error: "ORA-24909: call in progress. Current operation canceled". This is a known issue with this Oracle client (http://www.dbmotive.com/oracle_error_codes.php?errcode=24909). Workaround: Upgrade your Oracle client to a later version and connect to the Oracle database.	N/A
	Oracle 11 only	When connecting to Oracle 11, you must enter the password in the proper case because passwords are case-sensitive.	N/A
Automation	All	Automation in Toad Data Point 3.3 or later requires .NET Framework 4.5. If you are using .NET Framework 4.0 without .NET Framework 4.5 (such as in Windows XP), you may encounter the following: <ul style="list-style-type: none"> • After running a scheduled Automation script, Toad generates an error message even though the script executes successfully. • In a Toad Intelligence Central environment, after running any published Automation script (scheduled or un-scheduled), Toad generates an error message even though the script executes successfully. Workaround: Upgrade your Windows OS to Windows 7 and install .NET Framework 4.5.	N/A
Data	ODBC-DB2 z/OS	In compatibility mode, the ODBC driver does not return enough information for the CommandBuilder to correctly generate update or insert statements.	N/A
Editor	Teradata	If you experience performance issues using a Teradata connection, especially when using code completion in the Editor, use the Teradata Non-X views (instead of the X views). To use Teradata Non-X views <ul style="list-style-type: none"> • Select Tools Options Database Teradata and select the Use Non-X views in Object Explorer option. 	N/A

Feature	Platform	Known Issue	Defect ID
Export Wizard/ One Click Export	All	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: 2003 PIAs: http://www.microsoft.com/downloads/details.aspx?FamilyID=3c9a983a-ac14-4125-8ba0-d36d67e0f4ad&DisplayLang=en 2007 PIAs: http://www.microsoft.com/downloads/details.aspx?familyid=59DAEBA-A-BED4-4282-A28C-B864D8BFA513&displaylang=en	N/A
	Excel	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
Import Wizard	DB2	When importing data using the Add Query feature and selecting a Single new table, TIMESTAMP data types are mapped to DATETIME data types.	N/A
Object Explorer	Cloudera Impala	A view is represented as a table in Impala, so views display as tables in Toad. For more information, see https://issues.cloudera.org/browse/IMPALA-1697 .	N/A
Object Explorer/ Database Explorer	Teradata	You may experience issues if you attempt to view object details and your Teradata .Net Data Provider version does not correspond to the Teradata database version to which you are connecting. Issues include: <ul style="list-style-type: none"> Object details for a View containing a DATE data type column do not display. Object details for a Table containing a NUMBER data type column do not display. Workaround: Install the Teradata .Net Data Provider version that corresponds with the Teradata database version to which you are connecting. For example, if connecting to Teradata database version 14, use Teradata .Net Data Provider 14.11.	N/A
Object Explorer/ Database Explorer	DB2 iSeries	The primary Key column of an iSeries table displays as Nullable in the Database Explorer even though the Not Null checkbox was not selected when creating the table.	N/A
Query Builder	Sybase ASE	Cross-connection query: Sybase has difficulty dealing with numeric literals in queries. You may encounter the following error: Implicit conversion from datatype 'CHAR' to 'INT' is not allowed. Use the CONVERT function to run this query. when attempting to execute a cross-connection query such as: <code>Select * from table where numeric_column = 50</code> Work-around: Change the query to something similar to the following using the cast function: <code>Select * from table where numeric_column = CAST(50 AS SIGNED)</code>	ST96868

Feature	Platform	Known Issue	Defect ID
Query Builder	Cassandra and Excel/Access	<p>Cross-connection query: A query between Cassandra and either Excel 2010 or Access 2010 might fail to execute and display a lost-connection error.</p> <p>Workaround: Upgrade to Excel 2013 or Access 2013 (or later).</p>	N/A

System Requirements

Client Requirements

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

Requirement	Details
Platform	2 GHz Processor (recommended minimum)
Memory	<p>8 GB of RAM minimum, 16 GB recommended</p> <p>Additional RAM Requirements: Using Local Storage, Cross-Connection Query, Business Intelligence connections, or NoSQL connections can require an additional 500 MB of RAM. These features start processes (mysqld.exe, hubproxy.exe) which persist for the Toad session.</p> <p>Note: The memory required may vary based on the following:</p> <ul style="list-style-type: none"> • Applications that are running on your system when using Toad • Size and complexity of the database • Amount of database activity • Number of concurrent users accessing the database
Hard Disk Space	<p>800 MB to install Toad</p> <p>450 MB to run Toad</p> <p>Additional Recommendations: For retrieving large queries, allow 10 GB free disk space (or more, depending on the size of the data being retrieved). After retrieving 2500 rows, Toad saves data in a TMP (.tmp) file in the user's Temp directory. These TMP files are deleted when Toad closes.</p>
Operating System	<p>Windows Server® 2008 Service Pack 2 (32-bit or 64-bit)</p> <p>Windows Server® 2008 R2 Service Pack 1 (64-bit)</p> <p>Windows Server® 2012</p> <p>Windows Server® 2012 R2</p> <p>Windows® 7 (32-bit or 64-bit)</p> <p>Windows® 8 (32-bit and 64-bit)</p> <p>Windows® 8.1 (32-bit and 64-bit)</p> <p>Windows® 10</p>

Requirement	Details
.NET Framework	The Microsoft® .NET Framework is required. The version is dependent on the operating system.
	.NET 4.5.1 Windows 10 or later
	.NET 4.5.1 Windows Vista SP2, Windows 7, Windows 8, Windows Server 2008 (SP2 or earlier), Windows Server 2008 R2, Windows Server 2012
	.NET 4.0 Windows XP, Windows Vista (SP1 or earlier), Windows Server 2003
	<p>Notes:</p> <ul style="list-style-type: none"> This information is provided to aid installation. Toad is not tested on Windows XP, Windows Vista (SP1 or earlier), and Windows Server 2003. The .NET Framework 4 Client Profile is not supported.
	<p>Teradata® .NET Data Provider</p> <p>You must install the Teradata .NET Data Provider (13.10 or later) to use a Teradata native connection in Toad.</p> <p>Note: To use a Teradata connection in a cross-connection query, you must also install a Teradata (13.10 or later) ODBC driver.</p>
Additional Software	<p>Visual C++ Redistributable for Visual Studio 2015. This software is required. It is included in installation using the .exe installer. If using the .msi installer, ensure that this software is installed prior to installation. See Visual C++ Redistributable for VS 2015.</p> <p>Prerequisites for the 2015 Redistributable—If you encounter a "Microsoft Visual C++ 2015 Redistributable is not installed correctly" error during Toad installation, do the following:</p> <ol style="list-style-type: none"> Uninstall the Microsoft Visual C++ 2015 Redistributable using the Control Panel. Install the missing prerequisite software. See Universal C Runtime Update Prerequisites or use one of the following links: <ul style="list-style-type: none"> For Windows 7 or Windows Server 2008 R2, install Service Pack 1: https://support.microsoft.com/en-us/kb/976932. For Windows RT 8.1, Windows 8.1, or Windows Server 2012 R2, install the April 2014 update: https://support.microsoft.com/en-us/kb/2919355. For Windows Vista or Windows Server 2008, install Service Pack 2: https://support.microsoft.com/en-us/kb/948465. Run the <i>ToadInstaller.exe</i> again.
Database Client	<p>DB2® Client</p> <p>Toad no longer installs a DB2 Client along with the Toad application. When connecting to a DB2 database, ensure that you have a DB2 Client or IBM Data Server Driver installed. Toad supports DB2 Client versions 9.7.6 through 11.1.</p> <p>Oracle® Client</p> <p>Toad can connect to Oracle using Direct Connect (no Oracle Client required) or using an Oracle Client or Oracle Instant Client. However, if you want to use LDAP, you must install an Oracle Client. Toad supports 9i or later Oracle Clients and Oracle Instant Clients.</p> <p>Notes:</p> <ul style="list-style-type: none"> You cannot use Oracle Direct Connection in a cross-connection query. To use an Oracle connection in a cross-connection query, you must install an Oracle Client (full install) or you must install the Oracle Instant Client plus the Oracle ODBC driver.

Requirement	Details
Additional Requirements	<p>Web Browser Microsoft® Internet Explorer® 6.0 or later</p> <p>Screen Toad supports screen resolutions up to 3200 x 1800 and display DPI settings up to 150%.</p>

Server Requirements

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

Requirement	Details						
Native Database Server	<p>Toad supports the following databases:</p> <p>Oracle 9i, 10g, 11g, 11g R2, 12c</p> <p>Toad has been tested on Oracle Exadata 2.0 running Oracle database 11g R2.</p> <p>Limited support of SQL Server® 2000 (Service Pack 3 or later)</p> <p>SQL Server 2005 (Service Pack 2 or later) and SQL Server 2005 Express</p> <p>SQL Server 2008 and SQL Server 2008 Express</p> <p>SQL Server 2008 R2 and SQL Server 2008 R2 Express</p> <p>SQL Server 2012 and SQL Server 2012 Express</p> <p>SQL Server 2014 Enterprise and SQL Server 2014 Express</p> <p>SQL Server 2016</p> <p>Notes:</p> <ul style="list-style-type: none"> • SQL Server Compact Edition is not supported. • Storage Management is not available on SQL Server Express. <p>IBM DB2 for LUW 9.5, 9.7, 10.1, 10.5, 10.5.0.5, 11.1</p> <p>IBM DB2 for z/OS 9, 10, 11, 12</p> <p>Note: Toad may support IBM DB2 Express and SWE in addition to listed above servers, but note that no testing was performed on it.</p> <p>Note: Windows 8, 10 and Windows Server 2012 require the following Fix Pack in order to ensure registration of DLLs in Global Assembly Cache:</p> <table border="1"> <tbody> <tr> <td>IBM DB2 LUW 10.5</td> <td>Fix Pack 4</td> </tr> <tr> <td>IBM DB2 LUW 10.1</td> <td>Fix Pack 4</td> </tr> <tr> <td>IBM DB2 LUW 9.7</td> <td>Fix Pack 10</td> </tr> </tbody> </table> <p>MySQL 4.1, 5.0, 5.1, 5.5, 5.6</p> <p>MariaDB 5.5.5 (using MySQL provider)</p> <p>SAP ASE 12.5.4, 15.0.2, 15.0.3, 15.5, 15.7, 16</p> <p>SAP IQ 15, 16</p> <p>SAP SQL Anywhere 10, 11, 12</p> <p>SAP HANA SPS 08, SPS 09, SPS 10, SPS 11</p> <p>Teradata 12.0, 13.0, 13.10, 14, 15</p> <p>Access® 2003, 2007, 2010, 2013, 2016</p> <p>Note: To use Access 2016 64-bit to connect to an Access database in Toad, the Microsoft Access Database Engine is required and might not be included in the Access installation. The engine must match the architecture (bitness) of Toad.</p> <p>Excel® 2003, 2007, 2010, 2013, 2016</p> <p>Note: To use Excel 2016 64-bit to connect to an Excel or .csv file in Toad, the Microsoft</p>	IBM DB2 LUW 10.5	Fix Pack 4	IBM DB2 LUW 10.1	Fix Pack 4	IBM DB2 LUW 9.7	Fix Pack 10
IBM DB2 LUW 10.5	Fix Pack 4						
IBM DB2 LUW 10.1	Fix Pack 4						
IBM DB2 LUW 9.7	Fix Pack 10						

Requirement	Details
ODBC Database Server	<p data-bbox="416 248 1401 302">Access Database Engine is required and might not be included in the Excel installation. The engine must match the architecture (bitness) of Toad.</p> <hr/> <p data-bbox="416 331 1401 443">Toad Data Point allows you to create a connection to a database that supports an ODBC 3.0 or later driver. ODBC connectivity provides basic querying capability, but may not be as full-featured as a native connection in Toad. Toad has been tested on the following databases, using an ODBC connection:</p> <ul data-bbox="459 459 1401 763" style="list-style-type: none"> <li data-bbox="459 459 863 486">• DB2 for i5/OS V5R4 and IBM i 6.1 <li data-bbox="459 501 746 528">• Greenplum® Database <li data-bbox="459 544 983 571">• Informix Dynamic 10.00, 11.0 (limited testing) <li data-bbox="459 586 1249 613">• Ingres Community Edition 2006 R2 on Windows 32-bit (limited testing) <li data-bbox="459 629 1043 656">• Netezza Data Warehouse Appliance 4.6.6, 6.0, 7.0 <li data-bbox="459 672 708 698">• PostgreSQL® 8.3.4 <li data-bbox="459 714 1401 741">• Vertica 4.1, 5.0, 5.1 (with 4.0, 4.1 ODBC driver), 6.0 (with 6.0 ODBC driver), 6.1, 7.0 <p data-bbox="416 779 1401 831">Note: For a list of databases that are not supported, see Known Issues in the Release Notes.</p>
Cloud Database Service	<p data-bbox="416 860 879 887">Oracle databases running on Amazon EC2</p> <p data-bbox="416 902 539 929">SQL Azure</p> <p data-bbox="416 945 1401 999">Note: To be able to utilize a majority of Toad functionality, please grant VIEW DEFINITION on the SQL Azure databases you want to work with.</p> <p data-bbox="416 1014 935 1041">SQL Server databases running on Amazon EC2</p> <p data-bbox="416 1057 1366 1099">Toad can manage Amazon RDS and any other cloud or service offering compatible with MySQL.</p>
Business Intelligence Connections	<p data-bbox="416 1128 1350 1155">Toad has been tested with, and supports, the following Business Intelligence platforms:</p> <ul data-bbox="443 1171 1050 1429" style="list-style-type: none"> <li data-bbox="443 1171 850 1198">SAP Business Objects XI 3.0, 3.1, 4.1 <li data-bbox="443 1214 1050 1240">Oracle Business Intelligence Enterprise Edition 10g, 11g <li data-bbox="443 1256 632 1283">Salesforce.com® <li data-bbox="443 1299 874 1326">Microsoft SQL Server Analysis Services <li data-bbox="443 1341 651 1368">Google Analytics™ <li data-bbox="443 1384 517 1411">OData <li data-bbox="443 1426 584 1453">SharePoint®
NoSQL Connections	<p data-bbox="416 1458 1201 1485">Toad has been tested with, and supports, the following NoSQL platforms:</p> <ul data-bbox="443 1500 1161 1758" style="list-style-type: none"> <li data-bbox="443 1500 676 1527">Azure Table Services <li data-bbox="443 1543 676 1570">Apache Cassandra™ <li data-bbox="443 1585 667 1612">Amazon DynamoDB <li data-bbox="443 1628 639 1655">Apache HBASE™ <li data-bbox="443 1671 608 1697">Apache Hive™ <li data-bbox="443 1713 1161 1740">Cloudera Impala—Toad Data Point has been certified by Cloudera. <li data-bbox="443 1756 576 1783">MongoDB™
Toad Intelligence Central	<p data-bbox="416 1787 1401 1814">This release of Toad Data Point has been tested with Toad Intelligence Central 3.2 and 3.3.</p> <p data-bbox="416 1830 1401 1937">Note: Some publishing features in this release of Toad might not be supported in earlier versions of Intelligence Central. For more information about compatibility between Intelligence Central versions and Toad Data Point 4.2 features, see the New Features section of the Toad Data Point Release Notes.</p>

Requirement	Details
Additional Testing	<p>Data Set Size</p> <p>The following Toad Data Point functionality has been tested with data sets of up to 5 million rows: SQL Editor, Data Compare, Import Wizard, Export Wizard, Publishing Data to Intelligence Central.</p> <p>Notes: It is recommended to use Toad Data Point 64-bit when working with large data sets. Import and export functionality was tested with .csv files.</p>

Virtualization Support

Requirement	Details
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.
Desktop Virtualization (VDI)	Toad has been tested with vWorkspace™ 7.0 running on Windows XP Professional 32-bit (Service Pack 2).
Server Virtualization	<p>Toad has been tested with the following:</p> <ul style="list-style-type: none"> • Oracle VM 3.1 running on Red Hat Enterprise Linux 64-bit with Oracle 11gR2 • Oracle VM 2.2 running on Windows 2008 32-bit with Oracle 11gR2

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.
- (DB2 only) A Power User can install Toad 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.

User Requirements and Restrictions for Running Toad

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

- (DB2 only) 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**.
- (DB2 only) A Windows Vista user must be either an administrator or a standard user that belongs to an Vista Administrators group. Additionally, to enable full functionality in Toad when Vista's User Access

Control security feature is turned on, the standard user must run Toad as an administrator. (Right-click the Toad icon on the Vista desktop and select **Run as administrator**.)

- (DB2 only) A Windows Power User or Restricted User does not have the authority to add or remove DB2 catalog entries using the Toad Client Configuration wizard. However, these users can use the Import Profile function in the Toad Client Configuration wizard to import catalog entries to Toad.
- (DB2 only) 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:

[ToadDB2LUWAuthorizations.xls](#)

- (DB2 only) As a minimum requirement to manage a DB2 for z/OS subsystem in Toad, the user ID defined in the Toad 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:

[ToadDB2zOSAuthorizations.doc](#)

- 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.

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.

Getting Started

Contents of the Release Package

The Toad release package contains the following products:

1. Toad Data Point 4.2
2. Product Documentation, including:
 - Installation Guide
 - Online Help
 - Release Notes

Installation Instructions

See the *Toad Data Point Installation Guide* for more information.

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 installation, if the user overrides the default installation directory location, the directory path cannot contain Unicode characters.

About Us

We are more than just a name

We are on a quest to make your information technology work harder for you. That is why we build community-driven software solutions that help you spend less time on IT administration and more time on business innovation. We help you modernize your data center, get you to the cloud quicker and provide the expertise, security and accessibility you need to grow your data-driven business. Combined with Quest's invitation to the global community to be a part of its innovation, and our firm commitment to ensuring customer satisfaction, we continue to deliver solutions that have a real impact on our customers today and leave a legacy we are proud of. We are challenging the status quo by transforming into a new software company. And as your partner, we work tirelessly to make sure your information technology is designed for you and by you. This is our mission, and we are in this together. Welcome to a new Quest. You are invited to Join the Innovation.

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- Submit and manage a Service Request
- View Knowledge Base articles
- Sign up for product notifications
- Download software and technical documentation
- View how-to-videos
- Engage in community discussions
- Chat with support engineers online
- View services to assist you with your product

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