MySQL for Excel Release Notes

Abstract

This document contains release notes for the changes in each release of MySQL for Excel.

For additional MySQL for Excel documentation, see Introduction.

Updates to these notes occur as new product features are added, so that everybody can follow the development process. If a recent version is listed here that you cannot find on the download page (http://dev.mysql.com/downloads/), it means that the version has not yet been released.

The date mentioned with a release version is the date of the last revision control system changeset on which the release was based, not necessarily the date when the distribution packages were made available. The binaries are usually made available a few days after the date of the tagged changeset because building and testing all packages takes some time.

The documentation included in source and binary distributions may not be fully up to date with respect to release note entries because integration of the documentation occurs at release build time. For the most up-to-date release notes, please refer to the online documentation instead.

For legal information, see the Legal Notices.

Document generated on: 2014-04-01 (revision: 3140)

Table of Contents

Preface and Legal Notices 1
Changes in MySQL for Excel 1.2.1 (2014-03-26) 3
Changes in MySQL for Excel 1.2.0 (2014-01-23) 5
Changes in MySQL for Excel 1.1.3 (2013-10-16) 5
Changes in MySQL for Excel 1.1.2 (2013-10-01) 6
Changes in MySQL for Excel 1.1.1 (2013-04-26) 7
Changes in MySQL for Excel 1.1.0 (2012-09-30) 8
Changes in MySQL for Excel 1.0.7 (2012-08-10) 9
Changes in MySQL for Excel 1.0.6 (2012-07-25) 9
Changes in MySQL for Excel 1.0.5 (Not released) 10
Changes in MySQL for Excel 1.0.4 (Not released) 11
Changes in MySQL for Excel 1.0.3 (Not released) 12

Preface and Legal Notices

This document contains release notes for the changes in each release of MySQL for Excel.

Legal Notices

Copyright © 1997, 2013, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any

means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this software or related documentation is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, duplication, disclosure, modification, and adaptation shall be subject to the restrictions and license terms set forth in the applicable Government contract, and, to the extent applicable by the terms of the Government contract, the additional rights set forth in FAR 52.227-19, Commercial Computer Software License (December 2007). Oracle USA, Inc., 500 Oracle Parkway, Redwood City, CA 94065.

This software is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications which may create a risk of personal injury. If you use this software in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure the safe use of this software. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software in dangerous applications.

Oracle is a registered trademark of Oracle Corporation and/or its affiliates. MySQL is a trademark of Oracle Corporation and/or its affiliates, and shall not be used without Oracle's express written authorization. Other names may be trademarks of their respective owners.

This software and documentation may provide access to or information on content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

This document in any form, software or printed matter, contains proprietary information that is the exclusive property of Oracle. Your access to and use of this material is subject to the terms and conditions of your Oracle Software License and Service Agreement, which has been executed and with which you agree to comply. This document and information contained herein may not be disclosed, copied, reproduced, or distributed to anyone outside Oracle without prior written consent of Oracle or as specifically provided below. This document is not part of your license agreement nor can it be incorporated into any contractual agreement with Oracle or its subsidiaries or affiliates.

This documentation is NOT distributed under a GPL license. Use of this documentation is subject to the following terms:

You may create a printed copy of this documentation solely for your own personal use. Conversion to other formats is allowed as long as the actual content is not altered or edited in any way. You shall not publish or distribute this documentation in any form or on any media, except if you distribute the documentation in a manner similar to how Oracle disseminates it (that is, electronically for download on a Web site with the software) or on a CD-ROM or similar medium, provided however that the documentation is disseminated together with the software on the same medium. Any other use, such as any dissemination of printed copies or use of this documentation, in whole or in part, in another publication, requires the prior written consent from an authorized representative of Oracle. Oracle and/or its affiliates reserve any and all rights to this documentation not expressly granted above.

For more information on the terms of this license, or for details on how the MySQL documentation is built and produced, please visit MySQL Contact & Questions.

For additional licensing information, including licenses for third-party libraries used by MySQL products, see Preface and Legal Notices.

For help with using MySQL, please visit either the MySQL Forums or MySQL Mailing Lists where you can discuss your issues with other MySQL users.

For additional documentation on MySQL products, including translations of the documentation into other languages, and downloadable versions in variety of formats, including HTML and PDF formats, see the MySQL Documentation Library.

Changes in MySQL for Excel 1.2.1 (2014-03-26)

Known limitation / upgrade requirement:

You must uninstall all current versions of MySQL for Excel before performing this upgrade, due to a bug that prevented upgrading from previous versions. This applies to both the standalone and MySQL Installer installation methods, and the fix allows for simpler upgrades in the future. Your MySQL for Excel settings will be preserved.

Functionality Added or Changed

- When MySQL Workbench is not installed, MySQL connections are now automatically created for discovered MySQL services. If MySQL Workbench is later installed, these connections are not migrated over to MySQL Workbench as MySQL Workbench also creates connections for discovered MySQL services. (Bug #16238788)

Bugs Fixed

- With Microsoft Excel 2013, closing an Excel window containing an open MySQL for Excel plugin did not properly dispose of the link to the plugin, which caused a delay when opening the plugin inside additional Excel windows. (Bug #18392674)
- Attempts to upgrade MySQL for Excel would fail. The Installer would attempt to add Registry keys that were already present from a previous installation. A workaround was to uninstall and then reinstall the plugin.

  This bug applies to the standalone and MySQL Installer installation methods, and to MySQL for Excel versions 1.1.3 and later. (Bug #18354533)
- Executing **Export Data** while the first data column was not numeric would cause an "AutoPK" column (Automatically create a Primary Key) to be created as the first column in the table. This column was also created if the user manually selected the **Add a Primary Key column** radio button. The generated CREATE TABLE statement did not contain the AutoPK column. (Bug #18269654)
- The **Export Data** operation failed when checking the **Exclude Column** checkbox for any column. The generated CREATE TABLE query did not show the excluded columns, but the generated INSERT statements did (incorrectly) include them. (Bug #18269602)
- The **Remove columns that contain no data, otherwise just flag them as "Excluded"** option was removed from the **Export Data Advanced Options** preference panel. Now, the default behavior is to always remove empty columns from the calculations. (Bug #18113057)
- A MySQL database with unique keys would sometimes fail to import, when executing **Import MySQL Data**. (Bug #17891357, Bug #71004)

- The creation of named tables did not function in all cases during an import, and could generate an exception. (Bug #17806468, Bug #70925)
- After creating a new stored mapping in the **Append Data** dialog, the default selection for the **Stored Mapping** drop-down list was a blank value. The new default is the newly created stored mapping. (Bug #17665496)
- Exporting large table (250,000+ rows) would not function, as MySQL for Excel would disconnect from the MySQL Server before completion. The MySQL for Excel plugin was optimized to help with these use cases, and these changes include:
  - Optimized the way SQL statements are sent to the server. When compared to statements sent in version 1.2.0, a 30-35% time improvement was achieved.
  - Optimized the way SQL queries are created for a modified row, by processing the warnings returned by the MySQL server and the overall creation of result text for errors and warnings to optimize processing and reduce the memory usage. On average, a 30-40% time improvement was achieved.
  - Optimized how the Excel data is loaded into the MySqlDataTable object, so now a temporary (and hidden) Excel worksheet is used to prepare the data to be loaded, and then it is loaded after it was preprocessed instead of preprocessing cell-by-cell as it was done before. This preprocessing also eliminates many blank Excel cells. On average, an 80% time improvement was achieved.
  - Added an advanced option to the **Export Data** dialog to create secondary indexes after all of the data has been inserted. This saves disk I/O for bulk inserts (thousands of rows) since reindexing will not happen every time a row is inserted, but only once at the end of the data insertion. This option is enabled by default.
  - Added an advanced option to the **Append Data** dialog to temporarily disable unique indexes and foreign keys for the duration of the data insertion. This option is disabled by default, since you must make sure that if unique indexes are present, that the data mapped to that column does not contain duplicate data.
  - Added checks for lost or broken connections before each statement is executed against the database, and will now properly display connection issues back to the user.
  - The global option **Wait XX seconds for a database query to execute before timing out** is now setting the net_write_timeout and net_read_timeout accordingly. The default value for this option was increased from 30 to 60 seconds.

  (Bug #17577014)
- When performing an **Export Data** with the "Remove columns that contain no data, otherwise flag them as Excluded" advanced option disabled (unchecked), empty columns were not flagged as "Excluded" if the first row contained data, even when the first row contained header information. (Bug #16501338)
- When mapping a source column to a target column that has a different data type, a visual warning is now displayed as a warning icon with associated text next to it, and the problematic grid column changes to red. (Bug #16238994)
- On Windows XP, the table icons were cut off on the Database Objects list when tables were exported to an empty schema. (Bug #16238484)
- When selecting all cells in a spreadsheet, MySQL for Excel attempted to compute if data was present in each cell. Due to the large number of cells, the Excel API component "VSTO" would fail and return a Range.Count property related exception. This check now uses native Excel functions, which are optimized for speed less memory usage. (Bug #14362824, Bug #17349260)

Changes in MySQL for Excel 1.2.0 (2014-01-23)

This section documents all changes and bug fixes applied to MySQL for Excel since the release of 1.1.3. Several new features were added, for more information see What Is New In MySQL for Excel.

Functionality Added or Changed

- A new orange color was added. A cell is colored orange when MySQL for Excel detects a change from an external source before a commit is attempted. This requires 'Optimistic Updates' to be enabled (default).
- MySQL connections can now be edited from within the MySQL for Excel plugin by right-clicking and choosing **Edit Connection**.
- Optimistic Updates are now an option, when before only Pessimistic Updates were available. Optimistic updates are enabled by default, and this means that changes made from outside of Excel during a session (such as a field update) will not be overwritten by Excel, and instead a notification is generated with the option to force the change.
- **Append Data** now warns of incompatible types when mapping source Excel columns to target MySQL columns.
- Several new "Preview" preferences were added, when previewing import/export results, which includes options to show the MySQL statements.
- The **Data Export** feature now has an option to only create a table without inserting the data.
- The selected schema name is now displayed on top of the MySQL for Excel **Database Object Selection** panel.
- The **Advanced Options** dialogs opened from the Import, Export, and Append Data windows now immediately apply the option changes.
- **Edit Data** sessions can now be saved.
- Excel tables are now automatically created for any data imported from MySQL to an Excel worksheet, with a name like "Schema.DB-Object-name".

Bugs Fixed

- After deleting an entire row in a worksheet, the row after it would change color to green. (Bug #17852774)
- The meaning of the blue and green cell backgrounds were switched. A modified cell is now blue, whereas a modified and committed cell is now green.

Changes in MySQL for Excel 1.1.3 (2013-10-16)

This section documents all changes and bug fixes applied to MySQL for Excel since the release of 1.1.2.

Bugs Fixed

- MySQL for Excel 1.1.2 could only be reopened if it was closed using the toolbar icon. Closing it with the [x] icon would cause the plugin to stay hidden, until Microsoft Excel was restarted. This bug does not apply to Microsoft Excel 2013.
- MySQL for Excel 1.1.2 could not be uninstalled via the Microsoft Windows "Add or Remove Programs" dialog.

Changes in MySQL for Excel 1.1.2 (2013-10-01)

This section documents all changes and bug fixes applied to MySQL for Excel since the release of 1.1.1.

Functionality Added or Changed

- A global options dialog was added that can be accessed from the **Schema Selection** and **DB Object Selection** panels, where the default timeout for the connection to the DB Server (15 seconds) and query commands (30 seconds) can be changed. (Bug #17191646, Bug #68732)

Bugs Fixed

- Imported text values that begin with an equal sign ("=") were being treated as formulas. By default, these are no longer treated as formulas in Excel, although this behavior can be toggled through the **Import Data** dialog. (Bug #17354102)
- Attempting to use a connection with an expired password would yield an error with "You must SET PASSWORD before executing this statement." A proper dialog to reset the expired password is now generated. (Bug #17354118)
- A backslash was inserted before each apostrophe after performing an **Edit Data** operation. (Bug #17271693, Bug #68669)
- Behavior of the MySQL for Excel toggle button was changed. Instead of just showing or hiding the plugin, it now opens and closes it. (Bug #17272087, Bug #68792)
- In Microsoft Excel 2013, opening more than one file in Excel that opens a new Excel window, the MySQL for Excel plugin was present in only one of the Excel windows, and not in all of them as it is in Microsoft Excel 2007 / 2010. (Bug #17272087, Bug #68792)
- After appending data, sometimes the name of the last column would not be detected when data was later inserted. (Bug #17278349, Bug #69220)
- Overriding the data type by typing "year(2)" or "year(4)" in the **Data Type** combo box for a column with numeric integer data during an **Export Data to New Table** operation created a misleading warning stating "Entered Data Type is not a MySQL recognized data type." Entering "year" was accepted, and now "year(2)" and "year(4)" are also considered valid. (Bug #17259915)
- Clicking **Manage Connections** failed to open MySQL Workbench. (Bug #17258966)
- All spaces typed by the user in an overridden data type for a new column in an **Export Data** operation were being removed. (Bug #17260260)
- A "Selected Data Type is not suitable for all the values in this column" error was falsely reported after selecting the "text" data type for a column. (Bug #17259490)
- When **Export Data** from Microsoft Excel was used to create a MySQL table, and any of the Excel spreadsheet cells contained over 4,000 characters of text, the export failed with the following message: "MySQL Error 1118: Row size too large. The maximum row size for the used table type, not counting BLOBs, is 65535. This includes storage overhead, check the manual. You have to change some columns to TEXT or BLOBs"

  Under this condition, the data type is now changed to Text instead of Varchar(65535). (Bug #17191633, Bug #69779)
- Changed the location of the registry where the MySQL for Excel plugin is installed from `HKEY_CURRENT_USER` to `HKEY_LOCAL_MACHINE` so that the plugin is now accessible by all users of the system, and not only to the user that installed it via MySQL Installer. For this to work with Excel

2007, a hotfix may be required (see http://support.microsoft.com/kb/976477). (Bug #16675992, Bug #68746)

- Connections created from within MySQL for Excel could not be deleted, as the **Delete Connection** dialog would fail to function. (Bug #16500331)
- Attempting to connect to a MySQL server that was down would emit an error message claiming that an incorrect password was entered. The proper error message is now displayed. (Bug #16239007)
- Replaced the logo that is shown on the splash screen in the **About** page.

Changes in MySQL for Excel 1.1.1 (2013-04-26)

This section documents all changes and bug fixes applied to MySQL for Excel since the release of 1.1.0.

Bugs Fixed

- The data type combo box would accept a type definition that included text after the closing parenthesis, such as "varchar(200)asad", which would generate an error when attempting to create the table. Entering an invalid type will now raise a warning message similar to "Entered Data Type is not a MySQL valid data type." (Bug #16486410)
- Attempting to **Edit MySQL Data** on a recently removed table in **Edit Mode** would generate an unhandled exception. It will now emit an error message similar to "Table *x* does not exist." (Bug #16487827)
- The Export data and Append data action buttons were visible when no data was present, but they are now hidden. (Bug #16495151)
- Imported data would become corrupt if the Excel cell format was different than the format of the data being imported. The cell format is now reset before import. (Bug #16495155)
- Even with the **Remove columns that contain no data, otherwise flag them as Excluded** option disabled, the data type for empty columns would become undefined. Blank columns are now defined as `VARCHAR(255)`. (Bug #16495493)
- **Refresh** would not refresh MySQL for Excel with connection changes that were made in MySQL Workbench while MySQL for Excel was open. (Bug #16493129)
- Automatic mapping would not function in Edit or Append mode if only one row was selected. (Bug #16493139)
- The MySQL `performance_schema` database was listed under **Schemas**, which is reserved for user created databases, but it is now listed under **System Schemas**. (Bug #16473033)
- While using the Export Data dialog, clicking on the First Row Contains Column Names checkbox repeatedly after excluding some columns would cause MySQL for Excel to freeze. (Bug #16419402)
- Adding a new MySQL Server connection would cause the connection list to flicker. (Bug #16392862)
- Checking the **Exclude Column** checkbox from within the preview grid would always change the cursor focus to the first column. The current focus is now preserved. (Bug #16397637)
- The **Import Table Data** dialog for the **Edit Data** operations did not display a horizontal scrollbar on the preview grid. (Bug #16239011)
- An **About** section was added to MySQL for Excel, which contains version and copyright information. (Bug #16238860)

- When using the **Export Data** dialog with **Auto-Detection of data types** enabled (default), the **Create Index** checkbox is now checked by default when the data type is an detected as an integer. (Bug #16238445)
- The context menu from right-clicking a preview grid in the Import Data form is now aware of its context. The **Select All** and **Select None** options will only be available where applicable. (Bug #16238663)
- The **Remote Connections** list is now expanded by default while MySQL for Excel is initialized, when before only the **Local Connections** listing was expanded. (Bug #16238782)
- On systems that define number format using European regional settings, MySQL for Excel would fail on `INSERT` because it would attempt to split these into two numbers at the comma. As a result, the query would fail with an error such as "Column count doesn't match value count." These commas are now converted to periods. (Bug #15903921)

Changes in MySQL for Excel 1.1.0 (2012-09-30)

This section documents all changes and bug fixes applied to MySQL for Excel since the release of 1.0.7.

This adds the `Edit MySQL Data` feature.

Functionality Added or Changed

- Added the `Edit MySQL Data` feature. MySQL data can now be edited directly from the MySQL server in Microsoft Excel.
- Added two new **Append Data** advanced options: "Automatically store the column mapping for the given table" and "Reload stored column mapping for the selected table automatically".
- Added a new **Export Data** advanced option: "Remove columns that contain no data, otherwise just flag them as 'Excluded'."
- The Installer will now check if MySQL for Excel is already installed. It will abort if a newer version of MySQL for Excel is already installed, or uninstall an older version of MySQL for Excel.

Bugs Fixed

- On Microsoft Windows 7, MySQL for Excel would not load when the "Display settings" configuration setting was set to **Adjust to Best Performance**. (Bug #14521405)
- The Revert Data, Refresh Data from DB sequence would not clear colored cells of data that was already committed. Only cells with data that was not committed would be altered. (Bug #14350321)
- Stopping the connected MySQL Server while in edit mode would generate an error upon commit, but it would also display a success message along with displaying a bogus query. It will now only show a proper error message. (Bug #14349256)
- A commit could return a success message if a commit failed while editing a primary key. (Bug #14349192)
- When **Auto-Commit** is enabled, an information dialogue will now notify the user if a commit generates warnings and/or errors. (Bug #14349284)
- The Revert/Commit window would remain on top of all other windows. It will now only be shown on top of MySQL for Excel windows. (Bug #14349218)
- It was difficult to determine which operations succeeded and failed due to how the optimistic locking strategy was implemented. Transactions are now used that will revert the entire operation if an error occurs. (Bug #14356054)

- It was possible for the query confirmation window to differ from the general query log. The two are now synchronized and identical. (Bug #14355970)
- **Append Data** would emit the error "Index was outside the bounds of the array" and not function if a "Stored Column Mapping" contained unmapped columns.
- The **Import Data** preview grid did not refresh after pressing Call to execute a routine.
- Connections are now refreshed after they are migrated from MySQL for Excel to MySQL Workbench.
- A change after the **Append Data** automatic mapping is performed will now reset the mapping status to "manual mapping."
- The Show Details button now toggles and reads as Hide Details after it is pressed, and while the details panel is open.

Changes in MySQL for Excel 1.0.7 (2012-08-10)

This section documents all changes and bug fixes applied to MySQL for Excel since the release of 1.0.6.

Bugs Fixed

- The Export button is now disabled if the table name is empty. (Bug #14389853)
- Clicking **Manage Connections** would throw an exception. (Bug #14367145)
- Connections created from within MySQL for Excel were not usable by MySQL Workbench. They are now usable by MySQL Workbench 5.2.42 and above. (Bug #14368158)
- The Export Data dialogue's preview grid would truncate a column name if it was altered after the initial load. (Bug #14350168)
- Controls would overlap when resizing the MySQL for Excel window to a small size (to a height of less than 500px).

  And the Excel window could not be resized if Excel with MySQL for Excel enabled would open with a small window size. (Bug #14369568, Bug #14406412)
- Auto mapping did not function properly while appending to "enum" or "set" data types.

  Also, while toggling the **First Row Contains Column Names** configuration option, the column names would update on the **Source** grid but not on the mapped headers of the **Target** grid. (Bug #14370049)

Changes in MySQL for Excel 1.0.6 (2012-07-25)

Initial public release of MySQL for Excel.

Bugs Fixed

- The MySQL Installer for Windows would not upgrade the MySQL for Excel plugin. A workaround was to uninstall it manually beforehand. (Bug #14357305)
- The Append Excel Data to Table tool would generate an error, and not function. (Bug #14369777)
- The `{AppData}/Oracle/MySQL For Excel/` directory is now created when Microsoft Excel is first opened with the MySQL for Excel plugin enabled. (Bug #14366579)
- The MySQL Notifier version is now displayed within the Microsoft Windows `Add/Remove programs` listing. (Bug #14357291)

- Altering a column in the **Export Data** grid would refresh the **Use existing column** configuration option even though the column properties did not change. (Bug #14350299)
- Exporting and appending data would generate a single `INSERT` statement under all conditions. Large queries would result in `max_allowed_packet` related errors, and fail to execute the query. Multiple `INSERT` queries are now generated. (Bug #14362783)
- The **Append Excel Data to Table** option would not function nor warn the user if the primary key could not be mapped. (Bug #14350536)
- Uninstalling the MySQL for Excel plugin would cause Microsoft Excel to generate an error titled "Installing Office customization." (Bug #14350751)
- Added support for SSL connections that were created in MySQL Workbench. And if a connection using SSL is detected but will not connect, then an a warning dialog is now displayed within the Show Details section. And the plugin will attempt to connect without using the SSL parameters. (Bug #14368116)
- Toggling the **First Row Contains Column Names** option after changing a primary key column name from the auto-suggested value would revert the name change back to the initial auto-suggested value. (Bug #14366393)
- The defined **Advanced Options** were not used when opening a new connection. (Bug #14350361)
- It was not possible to re-enter an incorrectly entered password. (Bug #14350983)
- Changing the column on the combo box next to the **Use existing column** radio button in the **Export Data** dialog would not set the focus to the column in the grid, nor refresh the column property controls. (Bug #14350288)
- It was not possible to create a **New Connection** unless MySQL Workbench was installed. (Bug #14368155)
- The **Export Data** and **Append Data** preview panels can now be configured to limit the number of rows for preview. Before it would display all rows, which would stall MySQL for Excel when large data sets are being exported. The default value is 100 rows. (Bug #14362781, Bug #14366469, Bug #14362780)
- Stored procedure results containing many rows (10,000+) would cause the input form to hang while attempting to change result sets. Also, a warning is now displayed when the number of imported rows exceeds the Excel limit (65,535) that explains why the data will be truncated. (Bug #14351468, Bug #14368490)
- While using the **Export Excel Data to New Table** wizard, toggling the **First Row Contains Names** checkbox would reset and disable the **Use Existing Column** configuration option. (Bug #14350275)
- Schema and database objects had their names grayed out, which made them appear disabled. (Bug #14366416)
- Windows Authentication plugin support was added. (Bug #14351296)
- Incorrect service information could be displayed in the new connection dialog while using Test connection. It's now automatically refreshed. (Bug #14356149)

Changes in MySQL for Excel 1.0.5 (Not released)

Developmental release of MySQL for Excel.

Bugs Fixed

- The following operations now generate errors if the connection is lost before execution:
  - Selecting, refreshing, or filtering a schema
  - Refreshing and filtering database objects
  - Appending data
  - Importing data from a table, stored procedure, or view

  (Bug #14349309)
- Imported data would not report warnings, such as operations that truncated or converted data. Warnings are now shown for the Export, Append, and Edit operations if executing them were successful, but with warnings. (Bug #14349507)
- Strings that are too long to fit in a window are now truncated with an ellipses, and a tooltip now exists to show the full text. (Bug #14350205)
- The date data types were not being imported/exported. They are now imported, and treated as follows:

  For importing data: `NULL` is imported as a "blank" cell. Zero date values are imported as DateTime.MinValue (which displays as "12:00:00 am" in Excel) to prevent losing the Date formatting in Excel

  For exporting/appending data: blank cells, "0000-00-00 00:00:00", "000-00-00", and "00-00-00" are exported as `NULL` if the `DATETIME` column allows `NULL`, otherwise a zero date is inserted into the column. (Bug #14350058)

Changes in MySQL for Excel 1.0.4 (Not released)

Developmental release of MySQL for Excel.

Bugs Fixed

- The **Edit MySQL Data** function would not generate full reports. For example, editing a particular row would generate a query log with a missing `WHERE` clause. (Bug #14350780)
- Mapping a column from the "Source Table" to several columns in the "Target Table" in the **Append Data** dialog would prompt to replace existing mapping when there was nothing to replace in the "Target Table."

  Also, when choosing to overwrite the existing mapping, only the last column was mapped. (Bug #14350802)
- Text could be truncated when doing so was not required. (Bug #14350220)
- Errors were not being logged. The following log file now exists: `{AppData}/Oracle/MySQL For Excel/MySQLForExcel.log` (Bug #14351349)
- User settings were being saved in the Microsoft Office folder instead of the MySQL for Excel folder. They are now saved here: `{AppData}/Roaming/Oracle/MySQL For Excel/settings.config` (Bug #14350837)
- Editing a table would not release the table (for editing elsewhere) even after the table worksheet was deleted. Now, it is released when either the table worksheet is deleted, or the user explicitly exits edit mode. (Bug #14350827)

- A dialog now exists that notifies the user that connections created from within MySQL for Excel are not saved if MySQL Workbench is also open. (Bug #14350739)
- Exporting Excel data to a new table to a schema with a `'` (single quote) in the schema name would create the table but the data would not be exported. (Bug #14350765)
- The **Export Excel Data** data type drop down is now disabled when the field is a primary key, because it should not change from being an `INTEGER`. (Bug #14350795)
- The **Edit MySQL Data** option would edit the incorrect row. (Bug #14350550)
- Deleting rows would not be detected while editing a table, thus causing the Commit button to be disabled. (Bug #14350817)
- It was not possible to delete a MySQL Server connection. (Bug #14350516)
- The **Information Dialog** window that is displayed after confirming an operation against MySQL (append, edit, or export) was not resizable. It can now be resized after the Show Details button is clicked. (Bug #14350330)
- Adding a new table via the MySQL for Excel plugin would corrupt the table listing. (Bug #14349362)
- While testing a MySQL Server connection, the user would sometimes not be prompted for a password, and instead it would use the previously set user/pass combination. (Bug #14351001)
- Revert Data, Refresh from DB would refresh and display all columns instead of the limited ones. (Bug #14350582)
- Schemas and objects can now be refreshed by right-clicking and selecting the Refresh option. (Bug #14349606)
- The connection details in the **Connection Password** window did not correctly display the information, as some field were either empty or missing. (Bug #14350974)

Changes in MySQL for Excel 1.0.3 (Not released)

Developmental release of MySQL for Excel.

Bugs Fixed

- The SSH Connection option was removed because `Connector/NET` does not support SSH. (Bug #14350996)