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# MySQL Shell Release Notes

## Abstract

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

For additional MySQL Shell documentation, see <http://dev.mysql.com/>.

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/>), the version has not yet been released.

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](#).

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](#).

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## Preface and Legal Notices

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

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## Changes in MySQL Shell

### Changes in MySQL Shell 1.0.5 (2016-09-06)

#### Bugs Fixed

- If the connection to a MySQL Server was interrupted, issuing `\status` failed unless followed by a `;`. (Bug #81278, Bug #23213616)
- Columns specified as `TIME` were being displayed by MySQL Shell as `BOOLEAN`. (Bug #81260, Bug #23210710)
- Attempting to access a Session object that no longer existed could cause MySQL Shell to halt unexpectedly. In such a situation now an error message is displayed.
- Previously JavaScript modules were imported as follows:

```
var mysqlx=require('mysqlx').mysqlx;
var mysql=require('mysql').mysql;
```

As part of improvements to the way modules are added to MySQL Shell, modules are now imported as follows:

```
var mysqlx=require('mysqlx');
var mysql=require('mysql');
```

### Changes in MySQL Shell 1.0.4 (2016-06-23, Milestone 2)

- [Functionality Added or Changed](#)
- [Bugs Fixed](#)

#### Functionality Added or Changed

- The `tables` property has been replaced by `getTables()`, which should now be used to access the table list. It is still possible to use `schema.table_name`, but it is only available if the table name is different from any other member of the Schema object. For example, if a table is called `name` it is not accessible as `schema.name` (which would return the actual schema called `name`) and is only accessible through `schema.getTable('name')`. (Bug #22151376, Bug #22151267)
- The `--session-type` option was removed. To chose the session type using command-line options, use either `--x`, `--node`, or `--classic` instead.
- The `println()` function has been added to the the JavaScript implementation.
- The `\connect_node` and `\connect_classic` commands have been replaced by options that can be used with the `\connect` command. Use `\connect -n` to create a Node session and `\connect -c` to create a Classic session.
- The `mysqlx.getSession()` and `mysqlx.getNodeSession()` functions now support named parameters. For example:

```
mysql-py> session=mysqlx.getSession(host="localhost", dbUser="root", dbPassword="mypass")
mysql-py> session
```

```
<XSession:root@localhost:33060>
```

- The `getLastInsertId()` function was renamed to `getAutoIncrementValue()`. The `getLastDocumentIds()` function was added.
- On Linux, you can now create scripts that are executed by MySQL Shell. See [Executable Scripts](#).
- The `isOpen()` function has been added to the Session objects to enable you to check if a connection has been established. A new function `parseUri(String param)` has been added to the `shell` module. It takes a connection string in URI format and returns a `Dictionary` object with the URI components found in the input string.

### Bugs Fixed

- The formatting of the list of connections displayed after issuing `\LSCONN` has been improved to ensure each stored connection is shown on its own line. (Bug #23578574)
- A space was missing after the Python prompt. (Bug #23304556)
- Attempting to create an SSL connection failed with an error and connections were not created. (Bug #23184652)
- Functions depending on an internal cache, such as `Schema.collections`, `Schema.tables`, and `Schema.views` were not being updated correctly, which made statements such as `DROP` appear to not function correctly. (Bug #23095017, Bug #81040)
- Using SSL to create a connection was failing with `MySQL Error (2026): SSL bad version`. (Bug #81094, Bug #23112964)
- The help text has been improved to be more accurate and use correct language. (Bug #81085, Bug #23106440)
- When connecting with a password-less account, an incorrect password warning was being displayed.
- The Windows MySQL Shell executable and .dll library were missing version information. This is now shown when you right click on the files and open the Details tab.
- The parsing of JSON input, whether at the command line or piped in, was not detecting incorrect syntax. This could result in error messages being incorrectly identified, particularly when using Classic mode.
- When using the `--execute` command-line option to execute an SQL statement, the statement had to finish with a `;` character.
- If an error occurs when using interactive mode, the traceback is printed. If the traceback contained a 1 character then the traceback was being displayed twice.
- It was not possible to add documents with attributes which started with an uppercase character.
- When using a Classic session and querying a collection, some columns were returned as undefined. The same query using a Node session returned the columns correctly.
- An operation that adds an empty list of documents to a collection, for example `coll.add([]).execute()` now always succeeds without an error.