**wjISQL 1.19.5**

**Bug Fixes Test Plan**

**Change History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SNO | Version | Date | By | Description |
| 1 | 1 | 2017-07-01 | Mvsagar | Created. |

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# Introduction

This test plan has test cases for testing bug fixes done in the current release and previous releases.

## Prerequisites for all Tests

|  |  |
| --- | --- |
| 1 | Installation test is successful. |
| 2 | Main screen is of wjISQL is currently shown in the browser. Otherwise, enter "<http://localhost:8080/wjisql>" in the browser address field. |

# V1.16.5 Bug Fix Test Cases

## **Bug W\_B\_20161226\_58**: Destination database table list is not updated after data transfer

Test Case 1/1: Test that destination database table is automatically updated after data transfer without clicking its Refresh button.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Database setup |
| 2 | Connect to MySQL database **mysqldb** with user ID **mysqluser** and password **mysql123**. |
| 3 | Execute the following script file to drop tables of **mysqldb;** ignore errors if any. wji\_tsrc/wji\_scripts/wji\_01\_basic\_mysql\_tables/tst\_01\_001\_tables\_drop\_uc.sql |
| 4 | Execute the following script file to create tables in **mysqldb**: wji\_tsrc/wji\_scripts/wji\_01\_basic\_mysql\_tables/tst\_01\_002\_tables\_create\_uc.sql |
| 5 | Execute the following script file to load data into the tables in **mysqldb**: wji\_tsrc/wji\_scripts/wji\_01\_basic\_mysql\_tables/tst\_01\_003\_tables\_insert\_uc.sql |
| 6 | Make sure that number of rows in tables t1\*, t2\*, t3\* and t4\* are 4, 6, 3 and 4 respectively. |
| 7 | Disconnect from mysqldb. |
| 8 | Connect to PostgreSQL database **pgsqldb** with user ID **pgsqluser** and password **pgsql123**. |
| 9 | Execute the following script file to drop tables of **pgsqldb;** ignore errors if any. wji\_tsrc/wji\_scripts/wji\_01\_basic\_pgsql\_tables/tst\_01\_001\_tables\_drop\_uc.sql |
| 10 | Execute the following script file to create tables in **pgsqldb**: wji\_tsrc/wji\_scripts/wji\_01\_basic\_pgsql\_tables/tst\_01\_002\_tables\_create\_uc.sql |
| 11 | Make sure tables t1\*, t2\*, t3\* and t4\* have zero rows in them. |
| 12 | Disconnect from pgsqldb. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click menu item "Transfer". |
| 2 | Connect to mysqldb as source database and pgsqldb as destination database. |
| 3 | Select all 4 tables t1\* to t4\* in source database table list. |
| 4 | Click button Transfer. |
| 5 | Examine data transfer page displayed. |
| 6 | Go back to wjISQL Transfer page and exmine **Rows** column of destination table list. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Data transfer page that shows successful transfer of data. |
| 2 | Destination table list with automatically updates Rows column for each table. |

Test Post actions:

|  |  |
| --- | --- |
| 1 | Disconnect source database connection. |
| 2 | Disconnect destination database connection. |
| 3 | Go back to Home page. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.16.5(409) | 2017-10-07 | Success |  |
| Windows 7 |  |  |  |  |

## **Bug W\_B\_20161226\_60**: Table lists do not disappear after closing connections

Test Case 1/2: Test that table lists disappear after disconnecting source and destination databases

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Database setup |
| 2 | Connect to MySQL database **mysqldb** with user ID **mysqluser** and password **mysql123**. |
| 3 | Execute the following script file to drop tables of **mysqldb;** ignore errors if any. wji\_tsrc/wji\_scripts/wji\_01\_basic\_mysql\_tables/tst\_01\_001\_tables\_drop\_uc.sql |
| 4 | Execute the following script file to create tables in **mysqldb**: wji\_tsrc/wji\_scripts/wji\_01\_basic\_mysql\_tables/tst\_01\_002\_tables\_create\_uc.sql |
| 5 | Execute the following script file to load data into the tables in **mysqldb**: wji\_tsrc/wji\_scripts/wji\_01\_basic\_mysql\_tables/tst\_01\_003\_tables\_insert\_uc.sql |
| 6 | Make sure that number of rows in tables t1\*, t2\*, t3\* and t4\* are 4, 6, 3 and 4 respectively. |
| 7 | Disconnect from mysqldb. |
| 8 | Connect to PostgreSQL database **pgsqldb** with user ID **pgsqluser** and password **pgsql123**. |
| 9 | Execute the following script file to drop tables of **pgsqldb;** ignore errors if any. wji\_tsrc/wji\_scripts/wji\_01\_basic\_pgsql\_tables/tst\_01\_001\_tables\_drop\_uc.sql |
| 10 | Execute the following script file to create tables in **pgsqldb**: wji\_tsrc/wji\_scripts/wji\_01\_basic\_pgsql\_tables/tst\_01\_002\_tables\_create\_uc.sql |
| 11 | Make sure tables t1\*, t2\*, t3\* and t4\* have zero rows in them. |
| 12 | Disconnect from pgsqldb. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click menu item "Transfer". |
| 2 | Connect to mysqldb as source database and pgsqldb as destination database. |
| 3 | Select all 4 tables t1\* to t4\* in source database table list. |
| 4 | Click button Transfer. |
| 5 | Examine data transfer page displayed. |
| 6 | Disconnect from source database. |
| 7 | Disconnect from destination database. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Table lists of both source and destination databases disappear as shown below: |

Test Post actions:

|  |  |
| --- | --- |
| 3 | Go back to Home page. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.16.5(409) | 2017-10-07 | Success |  |
| Windows 7 |  |  |  |  |

## Bug W\_B\_20170617\_74: PostgreSQL gives permission for each table

Test Case 1/3: Test that PostgreSQL gives permission error only once irrespective of number of tables user does not have access

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Database setup |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click menu item "Connect". |
| 2 | Choose **PostgreSQL JDBC Driver** from field **JDBC driver** displayed in login window. |
| 3 | Specify database **pgsqldb** in the Database URL: **jdbc:postgresql://localhost:5432/pgsqldb** |
| 4 | Enter user id **pgsqlusr1** and password **pgsqlusr1**. |
| 5 | Click button **Login**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | The following error message is displayed only once for all tables not accessible to the user: |
| 2 | Table list is displayed as following with red color for non-accessible tables with ? as row count: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.16.5(409) | 2017-10-07 | Success |  |
| Windows 7 |  |  |  |  |

## **Bug W\_B\_20170711\_75**: SQL Script loading second time fails

Test Case 1/4: Test that the same SQL script loads successfully second time.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Database setup |
| 2 | Connect to MySQL database **mysqldb** with user ID **mysqluser** and password **mysql123**. |
| 3 | Execute the following script file to drop tables of **mysqldb;** ignore errors if any. wji\_tsrc/wji\_scripts/wji\_01\_basic\_mysql\_tables/tst\_01\_001\_tables\_drop\_uc.sql |
| 4 | Execute the following script file to create tables in **mysqldb**: wji\_tsrc/wji\_scripts/wji\_01\_basic\_mysql\_tables/tst\_01\_002\_tables\_create\_uc.sql |
| 5 | Execute the following script file to load data into the tables in **mysqldb**:  wji\_tsrc/wji\_scripts/wji\_01\_basic\_mysql\_tables/tst\_01\_003\_tables\_insert\_uc.sql |

Test Procedure

|  |  |
| --- | --- |
| 1 | Execute the following script file to display data from the tables of **mysqldb**:  wji\_tsrc/wji\_scripts/wji\_01\_basic\_mysql\_tables/tst\_01\_004\_select\_star\_uc.sql |
| 2 | Load the same script again. |
| 3 | Execute the script. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Loading of the same script second time successfully. |
| 2 | Successfull execution of the script/ |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.16.5(409) | 2017-10-07 | Success |  |

Test Case 2/5: Test that the same SQL script loads successfully second time after clearing SQL Statement window using buttin **Clear**.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Database setup |
| 2 | Connect to MySQL database **mysqldb** with user ID **mysqluser** and password **mysql123**. |
| 3 | Execute the following script file to drop tables of **mysqldb;** ignore errors if any. wji\_tsrc/wji\_scripts/wji\_01\_basic\_mysql\_tables/tst\_01\_001\_tables\_drop\_uc.sql |
| 4 | Execute the following script file to create tables in **mysqldb**: wji\_tsrc/wji\_scripts/wji\_01\_basic\_mysql\_tables/tst\_01\_002\_tables\_create\_uc.sql |
| 5 | Execute the following script file to load data into the tables in **mysqldb**:  wji\_tsrc/wji\_scripts/wji\_01\_basic\_mysql\_tables/tst\_01\_003\_tables\_insert\_uc.sql |

Test Procedure

|  |  |
| --- | --- |
| 1 | Execute the following script file to display data from the tables of **mysqldb**:  wji\_tsrc/wji\_scripts/wji\_01\_basic\_mysql\_tables/tst\_01\_004\_select\_star\_uc.sql |
| 2 | Click button Clear to clear contents of SQL Statement windows. |
| 3 | Load the same script again. |
| 4 | Execute the script. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Loading of the same script second time successfully after Clear. |
| 2 | Successfull execution of the script/ |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.16.5(409) | 2017-10-07 | Success |  |
| Windows 7 |  |  |  |  |

## **Bug W\_B\_20170728\_76**: Order of rows of a result set is not as per ORDER BY clause.

Test Case 1/6: Test that ORDER BY clause on integer column works as expected.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Database setup |
| 2 | Connect to MySQL database **mysqldb** with user ID **mysqluser** and password **mysql123**. |
| 3 | Execute the following script file to drop table tord1, create it, load it and select data from it**;** ignore errors if any.  wji\_scripts/wji\_17\_bug\_fix\_scripts/tst\_17\_001\_W\_B\_20170728\_76\_order.sql |

Test Procedure

|  |  |
| --- | --- |
| 1 | Execute the following SQL statement:  SELECT c1, c2 FROM tord1 ORDER BY c1; |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Data in the order of values of column c1 as shown below: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.16.5(409) | 2017-10-07 | Success |  |
| Windows 7  IE 11.0 | 1.19.5(439) | 2017-10-27 | Success | With mssqldb |

Test Case 2/7: Test that ORDER BY clause with DESC option on integer column works as expected.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Execution of Test Case 1. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Execute the following SQL statement:  SELECT c1, c2 FROM tord1 ORDER BY c1 DESC; |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Data in the descending order of values of column c1 as shown below: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.16.5(409) | 2017-10-07 | Success |  |
| Windows 7  IE 11.0 | 1.19.5(439) | 2017-10-27 | Success | With mssqldb |

Test Case 3/8: Test that ORDER BY clause on character column works as expected.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Test Case 1 |

Test Procedure

|  |  |
| --- | --- |
| 1 | Execute the following SQL statement:  SELECT c1, c2 FROM tord1 ORDER BY c2; |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Data in the order of values of column c2 as shown below: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.16.5(409) | 2017-10-07 | Success |  |
| Windows 7  IE 11.0 | 1.19.5(439) | 2017-10-27 | Success | With mssqldb |

Test Case 4/2: Test that ORDER BY clause with DESC option on character column works as expected.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Execution of Test Case 1. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Execute the following SQL statement:  SELECT c1, c2 FROM tord1 ORDER BY c2 DESC; |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Data in the descending order of values of column c2 as shown below: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.16.5(409) | 2017-10-07 | Success |  |
| Windows 7  IE 11.0 | 1.19.5(439) | 2017-10-27 | Success | With mssqldb |