**Data Transfer Test Plan**

**Change History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SNO | Version | Date | By | Description |
| 1 | 1 | 2016-12-26 | Mvsagar | Created. |

Table of Contents

[1 Introduction 2](#__RefHeading___Toc608_1345377192)

[1.1 Prerequisites for all Tests 2](#__RefHeading___Toc2209_1876130297)

[2 MySQL Database Test Cases 2](#__RefHeading___Toc15974_1345377192)

[2.1 Prerequisites 2](#__RefHeading___Toc3566_473330644)

[2.2 MySQL To MySQL Database Transfer Test Cases 2](#__RefHeading___Toc5647_2067585842)

[2.2.1 Successful Test Cases 2](#__RefHeading___Toc5649_2067585842)

[2.2.2 Unsuccessful Test Cases 7](#__RefHeading___Toc3347_1228119038)

[2.2.3 Post Test Test Cases 10](#__RefHeading___Toc944_1962102379)

[2.3 MySQL To PostgreSQL Database Transfer Test Cases 11](#__RefHeading___Toc914_1962102379)

[2.3.1 Successful Test Cases 11](#__RefHeading___Toc5649_20675858421)

[2.3.2 Unsuccessful Test Cases 16](#__RefHeading___Toc3347_12281190381)

[2.3.3 Post Test Test Cases 18](#__RefHeading___Toc942_1962102379)

[2.4 MySQL To SQLite Database Transfer Test Cases 18](#__RefHeading___Toc954_1962102379)

[2.4.1 Successful Test Cases 18](#__RefHeading___Toc5649_206758584211)

[2.4.2 Unsuccessful Test Cases 23](#__RefHeading___Toc3347_122811903811)

[2.4.3 Post Test Test Cases 26](#__RefHeading___Toc942_19621023791)

[3 PostgreSQL Database Test Cases 27](#__RefHeading___Toc1841_1171654226)

[3.1 PostgreSQL To MySQL Database Transfer Test Cases 27](#__RefHeading___Toc1057_1962102379)

[3.1.1 Pre Test Test Cases 27](#__RefHeading___Toc1059_1962102379)

[3.1.2 Successful Test Cases 29](#__RefHeading___Toc5649_2067585842111)

[3.1.3 Unsuccessful Test Cases 34](#__RefHeading___Toc3347_1228119038111)

[3.1.4 Post Test Test Cases 37](#__RefHeading___Toc942_196210237911)

[4 Oracle Database Test Cases 38](#__RefHeading___Toc5667_2067585842)

[4.1 Oracle To MSSQL Database Transfer Test Cases 38](#__RefHeading___Toc1070_1962102379)

[4.1.1 Pre Test Test Cases 38](#__RefHeading___Toc1059_19621023791)

[4.1.2 Successful Test Cases 40](#__RefHeading___Toc5649_20675858421111)

[4.1.3 Unsuccessful Test Cases 44](#__RefHeading___Toc3347_12281190381111)

[4.1.4 Post Test Test Cases 47](#__RefHeading___Toc942_1962102379111)

[5 MS SQL Database Test Cases 48](#__RefHeading___Toc5669_2067585842)

[5.1 MSSQL To Oracle Database Transfer Test Cases 48](#__RefHeading___Toc3160_1962102379)

[5.1.1 Pre Test Test Cases 48](#__RefHeading___Toc1059_196210237911)

[5.1.2 Successful Test Cases 50](#__RefHeading___Toc5649_206758584211111)

[5.1.3 Unsuccessful Test Cases 53](#__RefHeading___Toc3347_122811903811111)

[5.1.4 Post Test Test Cases 56](#__RefHeading___Toc942_19621023791111)

[6 SQLite Database Test Cases 56](#__RefHeading___Toc5671_2067585842)

[6.1 SQLite To MSSQL Database Transfer Test Cases 56](#__RefHeading___Toc3171_1962102379)

[6.1.1 Pre Test Test Cases 56](#__RefHeading___Toc1059_196210237912)

[6.1.2 Successful Test Cases 58](#__RefHeading___Toc5649_206758584211112)

[6.1.3 Unsuccessful Test Cases 62](#__RefHeading___Toc3347_122811903811112)

[6.1.4 Post Test Test Cases 65](#__RefHeading___Toc942_19621023791112)

[6.2 SQLite To Oracle Database Transfer Test Cases 66](#__RefHeading___Toc8412_876790998)

[6.2.1 Pre Test Test Cases 66](#__RefHeading___Toc1059_1962102379121)

[6.2.2 Successful Test Cases 68](#__RefHeading___Toc5649_2067585842111121)

[6.2.3 Unsuccessful Test Cases 71](#__RefHeading___Toc3347_1228119038111121)

[6.2.4 Post Test Test Cases 74](#__RefHeading___Toc942_196210237911121)

[6.3 SQLite To MySQL Database Transfer Test Cases 75](#__RefHeading___Toc8638_876790998)

[6.3.1 Pre Test Test Cases 75](#__RefHeading___Toc1059_1962102379122)

[6.3.2 Successful Test Cases 77](#__RefHeading___Toc5649_2067585842111122)

[6.3.3 Unsuccessful Test Cases 81](#__RefHeading___Toc3347_1228119038111122)

[6.3.4 Post Test Test Cases 83](#__RefHeading___Toc942_196210237911122)

# Introduction

Tests of this test plan test data transfer functionality of wjISQL. Data from one or more tables of a (source) database can be transferred to corresponding tables in another (destination) database managed by the same or another RDBMS.

## 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. |

# MySQL Database Test Cases

## Prerequisites

|  |  |
| --- | --- |
| 1 | MySQL database **mysqldb** is readily available for user **mysqlusr** and password **mysql123**. The user has DBA privileges. |
| 2 | Database setup was done as mentioned in wpl.tpl.05.browse.docx |

## MySQL To MySQL Database Transfer Test Cases

### Successful Test Cases

Test Case 1/1: Create a destination database and user credentials.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Connect to MySQL without any database using user root and related password. |
| 2 | Click button SQL. |
| 3 | Create database mysqltmpdb as following:  CREATE DATABASE **mysqltmpdb**; |
| 4 | Create user and password as following:  CREATE USER **mysqltmp**@'%' IDENTIFIED BY '**mysqltmp123**'; |
| 5 | Grant permisions on the database to the user as following:  GRANT ALL ON mysqltmpdb.\* TO mysqltmp@'%'; |
| 6 | Disconnect |
| 7 | Connect to mysqltmpdb with new user mysqltmp and related password. |
| 8 | Click button SQL. |
| 9 | Execute the following script to create tables without any data:  wjisql/wji\_tsrc/wji\_scripts/wji\_01\_basic\_mysql\_tables/**tst\_01\_002\_tables\_create\_uc.sql** |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Successful create of tables in mysqltmpdb: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.11(337) | 2016-12-26 | Success |  |

Post Test Actions:

|  |  |
| --- | --- |
| 1 | Click button **Disconnect** to disconnect from mysqltmpdb. |

Test Case 2/2: Test Transfer data of tables from database **mysqldb** to **mysqltmpdb**

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Transfer** on the main menu. |
| 2 | Connect to source database **mysqldb** with user **mysqlusr** and password **mysql123**. |
| 3 | Connect to destination database **mysqltmpdb** with user **mysqltmp** and password **mysqltmp123**. |
| 4 | Select four tables of source database as shown below: |
| 5 | Click button Transfer of source database window. |
| 6 | Confirm OK on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer and Status" tab of browser with successful data transfer as shown below: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click on table "t1\_1\_..." in source and destination database table lists. |
| 2 | Click on button Data on right side source and destination table properties windows. |
| 3 | The resultant screen should indicate successfuly transfered number of rows and data as shown below (scroll windows if needed): |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.12(340) | 2016-12-26 | Success |  |

Test Case 3/3: Test Transfer data of a table that does not have all columns of source table but has extra columns in the destination database

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Test Case 2. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click on a table, say, t1\_1..., in destination table list. |
| 2 | Click button Data on the right bottom window to display the Result window that contains table data. |
| 3 | Enter the following statement in SQL Statement window to create a new table that does not have column **dno** of source table but has extra columns **edob** and **eexp**:  CREATE TABLE emp(eno INT NOT NULL PRIMARY KEY , ename VARCHAR(20), edob DATE, eexp INT DEFAULT 0) |
| 4 | Select table emp of source database for data transfer as shown below: |
| 5 | Click button **Transfer** of source database window. |
| 6 | Confirm OK on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer and Status" tab of browser with successful data transfer with warnings on non-existing and extra columns in the destination table as shown below: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click on table "emp" in source and destination database table lists. |
| 2 | Click on button Data on right side source and destination table properties windows. |
| 3 | The resultant screen should indicate successful transfer of **6 rows** of table **emp** and **NULL** values for column **edob** and default value of **0** for column **eexp** as shown below: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.12(340) | 2016-12-26 | Success |  |

### Unsuccessful Test Cases

Test Case 1/4: Test failure of transfer of data of a table not defined in the destination database

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Transfer** on the main menu. |
| 2 | Connect to source database **mysqldb** with user **mysqlusr** and password **mysql123**. |
| 3 | Connect to destination database **mysqltmpdb** with user **mysqltmp** and password **mysqltmp123**. |
| 4 | Select table **dept** of source database as shown below: |
| 5 | Click button Transfer of source database window. |
| 6 | Confirm OK on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer and Status" tab of browser with with error message saying the table does not exist in the destination database. |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Close browser tab "Data Transfer Status". |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.12(340) | 2016-12-26 | Success |  |

Test Case 2/5: Test failure of transfer of data of a table due to constraints such as primary keys.

Test Prerequisites:

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

Test Procedure

|  |  |
| --- | --- |
| 1 | Select table **t1\_1\_std\_data\_types\_basic** of source database for which data was already transferred as shown below: |
| 2 | Click button Transfer of source database window. |
| 3 | Confirm OK on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer and Status" tab of browser with with error messages saying duplicate entries and number of transfered rows (Rows Wrote) is 0 as shown below: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Close browser tab "Data Transfer and Status". |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.12(340) | 2016-12-26 | Success |  |

### Post Test Test Cases

Test Case 1/6: Disconnect source and destination databases

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | wjISQL is in Data Transfer screen. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click menu item **Disconnect source**. |
| 2 | Click menu item **Disconnect destination**. |
| 3 | Click button **Back**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Main screen of wjISQL. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.16(369) | 2016-12-30 | Success |  |

## MySQL To PostgreSQL Database Transfer Test Cases

### Successful Test Cases

Test Case 1/7: Setup PostgreSQL Database for data transfer.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Connect to PostgreSQL database **pgsqldb** with user if **pgsqlusr** and password **pgsql123**. |
| 2 | Execute the following scripts from test source directory **wjisql/wji\_tsrc/wji\_scripts/wji\_04\_basic\_pgsql\_tables** to create tables without any data:  tst\_04\_001\_tables\_drop\_uc.sql  tst\_04\_002\_tables\_create\_uc.sql  and ignore table dropping errors that may showup while executing the first script. |
| 3 | Disconnect |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Successful creatation of tables starting with t without any data in pgsqldb: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.16(369) | 2016-12-30 | Success |  |

Post Test Actions:

|  |  |
| --- | --- |
| 1 | Click button **Disconnect** to disconnect from pgsqldb. |

Test Case 2/8: Test Transfer of data of tables from database **mysqldb** to **pgsqldb**

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Test case 1 |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Transfer** on the main menu. |
| 2 | Connect to source database **mysqldb** with user **mysqlusr** and password **mysql123**. |
| 3 | Connect to destination database **pgsqldb** with user **pgsqlusr** and password **pgsql123**. |
| 4 | Select four tables of source database as shown below: |
| 5 | Click button Transfer of source database window. |
| 6 | Confirm OK on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with successful data transfer as shown below but with errors/warnings due non-matching of columns: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click on table "t1\_1\_..." in source and destination database table lists. |
| 2 | Click on button Data on right side source and destination table properties windows. |
| 3 | The resultant screen should indicate successfuly transfered number of rows and data as shown below (scroll windows if needed): |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.16(369) | 2016-12-30 | Success |  |

Test Case 3/9: Test Transfer data of a table that does not have all columns of source table but has extra columns in the destination database

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Test Case 2. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click on a table, say, t1\_1..., in destination table list. |
| 2 | Click button Data on the right bottom window to display the Result window that contains table data. |
| 3 | Enter the following statements in SQL Statement window to create a new table that does not have column **dno** of source table but has extra columns **edob** and **eexp**:  DROP TABLE public.emp;  CREATE TABLE emp(eno INT NOT NULL PRIMARY KEY , ename VARCHAR(20), edob DATE, eexp INT DEFAULT 0); |
| 4 | Select table emp of source database for data transfer as shown below: |
| 5 | Click button **Transfer** of source database window. |
| 6 | Confirm OK on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer and Status" tab of browser with successful data transfer with warnings on non-existing and extra columns in the destination table as shown below: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click on table "emp" in source and destination database table lists. |
| 2 | Click on button Data on right side source and destination table properties windows. |
| 3 | The resultant screen should indicate successful transfer of **6 rows** of table **emp** and **NULL** values for column **edob** and default value of **0** for column **eexp** as shown below: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.16(369) | 2016-12-30 | Success |  |

### Unsuccessful Test Cases

Test Case 1/10: Test failure of transfer of data of a table not defined in the destination database

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Select a table from the destination database and drop table dept if it exists. |
| 2 | Select table **dept** of source database. |
| 3 | Click button Transfer of source database window. |
| 4 | Confirm OK on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer and Status" tab of browser with with error message saying the table does not exist in the destination database. |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Close browser tab "Data Transfer Status". |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.16(369) | 2016-12-30 | Success |  |

Test Case 2/11: Test failure of transfer of data of a table due to constraints such as primary keys.

Test Prerequisites:

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

Test Procedure

|  |  |
| --- | --- |
| 1 | Select table **t1\_1\_std\_data\_types\_basic** of source database for which data was already transferred as shown below: |
| 2 | Click button Transfer of source database window. |
| 3 | Confirm OK on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer and Status" tab of browser with with error messages saying duplicate entries and number of transfered rows (Rows Wrote) is 0 as shown below: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Close browser tab "Data Transfer Status". |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.16(369) | 2016-12-30 | Success |  |

### Post Test Test Cases

Test Case 1/12: Disconnect source and destination databases

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | wjISQL is in Data Transfer screen. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click menu item **Disconnect source**. |
| 2 | Click menu item **Disconnect destination**. |
| 3 | Click button **Back**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Main screen of wjISQL. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.16(369) | 2016-12-30 | Success |  |

## MySQL To SQLite Database Transfer Test Cases

### Successful Test Cases

Test Case 1/13: Setup SQLite Database for data transfer.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Connect to SQLite database **/tmp/sqlitedb**. |
| 2 | Drop all tables that exist already. |
| 3 | Execute the following scripts from test source directory **wjisql/wji\_tsrc/wji\_scripts/wji\_13\_basic\_sqlite\_tables** to create tables without any data:  tst\_13\_001\_tables\_drop\_uc.sql  tst\_13\_002\_tables\_create\_uc.sql  and ignore table dropping errors that may showup while executing the first script. |
| 4 | Disconnect |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Successful creatation of tables starting with t without any data in sqlitedb: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.16(369) | 2016-12-30 | Success |  |

Post Test Actions:

|  |  |
| --- | --- |
| 1 | Click button **Disconnect** to disconnect from sqlitedb. |

Test Case 2/14: Test Transfer of data of tables from database **mysqldb** to **sqlitedb**.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Test case 1 |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Transfer** on the main menu. |
| 2 | Connect to source database **mysqldb** with user **mysqlusr** and password **mysql123**. |
| 3 | Connect to destination database **/tmp/sqlitedb.** |
| 4 | Select four tables of source database as shown below: |
| 5 | Click button Transfer of source database window. |
| 6 | Confirm OK on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with successful data transfer as shown below but with errors/warnings due to non-matching of columns: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click on table "t2\_1\_..." in source and destination database table lists. |
| 2 | Click on button Data on right side source and destination table properties windows. |
| 3 | The resultant screen should indicate successfuly transfered number of rows and data as shown below (scroll windows if needed): |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.16(369) | 2016-12-30 | Success |  |

Test Case 3/15: Test Transfer data of a table that does not have all columns of source table but has extra columns in the destination database

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Test Case 2. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click on a table, say, t1\_1..., in destination table list. |
| 2 | Click button **Data** on the right bottom window to display the Result window that contains table data. |
| 3 | Enter the following statement in SQL Statement window to create a new table that does not have column **dno** of source table but has extra columns **edob** and **eexp**:  CREATE TABLE emp(eno INT NOT NULL PRIMARY KEY , ename VARCHAR(20), edob DATE, eexp INT DEFAULT 0); |
| 4 | Select table emp of source database for data transfer as shown below: |
| 5 | Click button **Transfer** of source database window. |
| 6 | Confirm OK on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with successful data transfer with warnings on non-existing and extra columns in the destination table as shown below: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click on table "emp" in source and destination database table lists. |
| 2 | Click on button Data on right side source and destination table properties windows. |
| 3 | The resultant screen should indicate successful transfer of **6 rows** of table **emp** and **NULL** values for column **edob** and default value of **0** for column **eexp** as shown below: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.16(369) | 2016-12-30 | Success |  |

### Unsuccessful Test Cases

Test Case 1/16: Test failure of transfer of data of a table not defined in the destination database

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Select table **dept** of source database as shown below: |
| 2 | Click button Transfer of source database window. |
| 3 | Confirm OK on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with with error message saying the table does not exist in the destination database. |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Close browser tab "Data Transfer Status". |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.16(369) | 2016-12-30 | Success |  |

Test Case 2/17: Test failure of transfer of data of a table due to constraints such as primary keys.

Test Prerequisites:

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

Test Procedure

|  |  |
| --- | --- |
| 1 | Select table **t1\_1\_std\_data\_types\_basic** of source database for which data was already transferred as shown below: |
| 2 | Click button **Transfer** of source database window. |
| 3 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer and Status" tab of browser with with error messages saying unique constraint violation and number of transfered rows (Rows Wrote) is 0 as shown below: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Close browser tab "Data Transfer and Status". |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.16(369) | 2016-12-30 | Success |  |

### Post Test Test Cases

Test Case 1/18: Disconnect source and destination databases

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | wjISQL is in Data Transfer screen. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click menu item **Disconnect source**. |
| 2 | Click menu item **Disconnect destination**. |
| 3 | Click button **Back**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Main screen of wjISQL. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.16(369) | 2016-12-30 | Success |  |

# PostgreSQL Database Test Cases

## PostgreSQL To MySQL Database Transfer Test Cases

### Pre Test Test Cases

Test Case 1/19: Setup PostgreSQL source database for data transfer.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Connect to PostgreSQL database **pgsqldb**. |
| 2 | Drop all tables that exist already. |
| 3 | Execute the following scripts from test source directory **wjisql/wji\_tsrc/wji\_scripts/wji\_04\_basic\_pgsql\_tables** to create tables with data:  **tst\_04\_002\_tables\_create\_uc.sql**  **tst\_04\_003\_tables\_insert\_uc.sql** |
| 4 | Execute the following script from test source directory **wjisql/wji\_tsrc/wji\_scripts/wji\_16\_sql\_scripts** to create tables without any data:  tst\_16\_002\_sql\_script\_deptemp.sql  and ignore table dropping errors that may showup while executing the script. |
| 5 | Disconnect |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Successful creation of tables with data in pgsqldb: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.13.16(369) | 2016-12-31 | Success |  |

Post Test Actions:

|  |  |
| --- | --- |
| 1 | Click button **Disconnect** to disconnect from pgsqldb. |

Test Case 2/20: Setup MySQL destination database with empty tables to received data.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Connect to MySQL database **mysqldb** using user id **mysqlusr** and password **mysql123.** |
| 2 | Drop all tables that exist already. |
| 3 | Execute the following scripts from test source directory **wjisql/wji\_tsrc/wji\_scripts/wji\_01\_basic\_mysql\_tables** to create tables without any data:  **tst\_01\_002\_tables\_create\_uc.sql** |
| 4 | Disconnect |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Successful creation of tables without data in mysqldb: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.13.16(369) | 2016-12-31 | Success |  |

Post Test Actions:

|  |  |
| --- | --- |
| 1 | Click button **Disconnect** to disconnect from mysqldb. |

### Successful Test Cases

Test Case 1/21: Test Transfer of data of tables from database **pgsqldb** to **mysqldb**.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | 3.1.1 Test Cases. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Transfer** on the main menu. |
| 2 | Connect to source database **pgsqldb** with user **pgsqlusr** and password **pgsql123**. |
| 3 | Connect to destination database **mysqldb** with user **mysqlusr** and password **mysql123.** |
| 4 | Select four tables of source database as shown below: |
| 5 | Click button **Transfer** of source database window. |
| 6 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with successful data transfer (see number of rows transferred) as shown below but with errors/warnings due to non-matching of columns: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click on table "t2\_1\_..." in source and destination database table lists. |
| 2 | Click on button **Data** on right side source and destination table properties windows. |
| 3 | The resultant screen should indicate successfully transfered number of rows and data as shown below (scroll windows if needed): |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.13.16(369) | 2016-12-31 | Success |  |

Test Case 2/22: Test Transfer data of a table that does not have all columns of source table but has extra columns in the destination database

Test Prerequisites:

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

Test Procedure

|  |  |
| --- | --- |
| 1 | Click on a table, say, t1\_1..., in destination table list. |
| 2 | Click button **Data** on the right bottom window to display the Result window that contains table data. |
| 3 | Enter the following statement in SQL Statement window to create a new table that does not have column **dno** of source table but has extra columns **edob** and **eexp**:  CREATE TABLE emp(eno INT NOT NULL PRIMARY KEY , ename VARCHAR(20), edob DATE, eexp INT DEFAULT 0); |
| 4 | Select table emp of source database for data transfer as shown below: |
| 5 | Click button **Transfer** of source database window. |
| 6 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with successful data transfer with warnings on non-existing and extra columns in the destination table as shown below: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click on table "emp" in source and destination database table lists. |
| 2 | Click on button Data on right side source and destination table properties windows. |
| 3 | The resultant screen should indicate successful transfer of **6 rows** of table **emp** and **NULL** values for column **edob** and default value of **0** for column **eexp** as shown below: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.13.16(369) | 2016-12-31 | Success |  |

### Unsuccessful Test Cases

Test Case 1/23: Test failure of transfer of data of a table not defined in the destination database

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Select table **dept** of source database as shown below: |
| 2 | Click button **Transfer** of source database window. |
| 3 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with with error message saying the table does not exist in the destination database. |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Close browser tab "Data Transfer Status". |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.13.16(369) | 2016-12-31 | Success |  |

Test Case 2/24: Test failure of transfer of data of a table due to constraints such as primary keys.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Select table **t1\_1\_std\_data\_types\_basic** of source database for which data was already transferred as shown below: |
| 2 | Click button **Transfer** of source database window. |
| 3 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with with error messages saying there is a constraint violation error and number of transfered rows (Rows Wrote) is 0 as shown below: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Close browser tab "Data Transfer and Status". |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.13.16(369) | 2016-12-31 | Success |  |

### Post Test Test Cases

Test Case 1/25: Disconnect source and destination databases

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | wjISQL is in Data Transfer screen. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click menu item **Disconnect source**. |
| 2 | Click menu item **Disconnect destination**. |
| 3 | Click button **Back**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Main screen of wjISQL. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.16(369) | 2016-12-31 | Success |  |

# Oracle Database Test Cases

## Oracle To MSSQL Database Transfer Test Cases

### Pre Test Test Cases

Test Case 1/26: Setup Oracle source database for data transfer.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Connect to Oracle database **oradb**. |
| 2 | Drop all tables that exist already. |
| 3 | Execute the following scripts from test source directory **wjisql/wji\_tsrc/wji\_scripts/wji\_07\_basic\_oracle\_tables** to create tables with data:  **tst\_07\_002\_tables\_create\_uc.sql**  **tst\_07\_003\_tables\_insert\_uc.sql** |
| 4 | Execute the following script from test source directory **wjisql/wji\_tsrc/wji\_scripts/wji\_16\_sql\_scripts** to create tables without any data:  **tst\_16\_002\_sql\_script\_deptemp.sql**  and ignore table dropping errors that may showup while executing the script. |
| 5 | Disconnect |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Successful creation of tables with data in oradb: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **IE 11.0** | 1.13.16(369) | 2016-12-31 | Success |  |

Post Test Actions:

|  |  |
| --- | --- |
| 1 | Click button **Disconnect** to disconnect from oracledb. |

Test Case 2/27: Setup MS SQL destination database with empty tables to received data.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Connect to MS SQL database **mssqldb** using user id **mssqlusr** and password **mssql123.** |
| 2 | Drop all tables that exist already. |
| 3 | Execute the following scripts from test source directory **wjisql/wji\_tsrc/wji\_scripts/wji\_10\_basic\_mssql\_tables** to create tables without any data:  **tst\_10\_002\_tables\_create\_uc.sql** |
| 4 | Disconnect |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Successful creation of tables without data in mssqldb: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **IE 11.0** | 1.13.16(369) | 2016-12-31 | Success |  |

Post Test Actions:

|  |  |
| --- | --- |
| 1 | Click button **Disconnect** to disconnect from mssqldb. |

### Successful Test Cases

Test Case 1/28: Test Transfer of data of tables from database **pgsqldb** to **mssqldb**.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | 4.1.1 Test Cases. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Transfer** on the main menu. |
| 2 | Connect to source database **oradb** with user **orausr** and password **ora123**. |
| 3 | Connect to destination database **mssqldb** with user **mssqlusr** and password **mssql123.** |
| 4 | Select four tables of source database as shown below: |
| 5 | Click button **Transfer** of source database window. |
| 6 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with successful data transfer (see number of rows transferred) as shown below but with errors/warnings due to non-matching of columns: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click on table "t2\_1\_..." in source and destination database table lists. |
| 2 | Click on button **Data** on right side source and destination table properties windows. |
| 3 | The resultant screen should indicate successfully transfered number of rows and data as shown below (scroll windows if needed): |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **IE 11.0** | 1.13.16(369) | 2016-12-31 | Success |  |

Test Case 2/29: Test Transfer data of a table that does not have all columns of source table but has extra columns in the destination database

Test Prerequisites:

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

Test Procedure

|  |  |
| --- | --- |
| 1 | Click on a table, say, t1\_1..., in destination table list. |
| 2 | Click button **Data** on the right bottom window to display the Result window that contains table data. |
| 3 | Enter the following statement in SQL Statement window to create a new table that does not have column **dno** of source table but has extra columns **edob** and **eexp**:  CREATE TABLE emp(eno INT NOT NULL PRIMARY KEY , ename VARCHAR(20), edob DATE, eexp INT DEFAULT 0); |
| 4 | Select table emp of source database for data transfer as shown below: |
| 5 | Click button **Transfer** of source database window. |
| 6 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with successful data transfer with warnings on non-existing and extra columns in the destination table as shown below: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click on table "emp" in source and destination database table lists. |
| 2 | Click on button Data on right side source and destination table properties windows. |
| 3 | The resultant screen should indicate successful transfer of **6 rows** of table **emp** and **NULL** values for column **edob** and default value of **0** for column **eexp** as shown below: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **IE 11.0** | 1.13.16(369) | 2016-12-31 | Success |  |

### Unsuccessful Test Cases

Test Case 1/30: Test failure of transfer of data of a table not defined in the destination database

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Select table **dept** of source database as shown below: |
| 2 | Click button **Transfer** of source database window. |
| 3 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with with error message saying the table does not exist in the destination database. |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Close browser tab "Data Transfer Status". |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **IE 11.0** | 1.13.16(369) | 2016-12-31 | Success |  |

Test Case 2/31: Test failure of transfer of data of a table due to constraints such as primary keys.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Select table **t1\_1\_std\_data\_types\_basic** of source database for which data was already transferred as shown below: |
| 2 | Click button **Transfer** of source database window. |
| 3 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with with error messages saying there is a constraint violation error and number of transfered rows (Rows Wrote) is 0 as shown below: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Close browser tab "Data Transfer Status". |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **IE 11.0** | 1.13.16(369) | 2016-12-31 | Success |  |

### Post Test Test Cases

Test Case 1/32: Disconnect source and destination databases

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | wjISQL is in Data Transfer screen. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click menu item **Disconnect source**. |
| 2 | Click menu item **Disconnect destination**. |
| 3 | Click button **Back**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Main screen of wjISQL. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **IE 11.0** | 1.13.16(369) | 2016-12-31 | Success |  |

# MS SQL Database Test Cases

## MSSQL To Oracle Database Transfer Test Cases

### Pre Test Test Cases

Test Case 1/33: Setup MS SQL source database with tables and data to transfer.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Connect to MS SQL database **mssqldb** using user id **mssqlusr** and password **mssql123.** |
| 2 | Drop all tables that exist already. |
| 3 | Execute the following scripts from test source directory **wjisql/wji\_tsrc/wji\_scripts/wji\_10\_basic\_mssql\_tables** to create tables without any data:  **tst\_10\_002\_tables\_create\_uc.sql**  **tst\_10\_002\_tables\_insert\_uc.sql** |
| 4 | Execute the following script from test source directory **wjisql/wji\_tsrc/wji\_scripts/wji\_16\_sql\_scripts** to create tables without any data:  **tst\_16\_002\_sql\_script\_deptemp.sql** |
| 5 | Disconnect |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Successful creation of tables with data in mssqldb: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **Chrome** | 1.13.16(369) | 2016-12-31 | Success |  |

Post Test Actions:

|  |  |
| --- | --- |
| 1 | Click button **Disconnect** to disconnect from mssqldb. |

Test Case 2/34: Setup Oracle destination database for tables without data.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Connect to Oracle database **oradb**. |
| 2 | Drop all tables that exist already. |
| 3 | Execute the following scripts from test source directory **wjisql/wji\_tsrc/wji\_scripts/wji\_07\_basic\_oracle\_tables** to create tables with data:  **tst\_07\_002\_tables\_create\_uc.sql**  **tst\_07\_003\_tables\_insert\_uc.sql** |
| 4 | Disconnect |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Successful creation of tables without data in oradb: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **Chrome** | 1.13.16(369) | 2016-12-31 | Success |  |

Post Test Actions:

|  |  |
| --- | --- |
| 1 | Click button **Disconnect** to disconnect from oradb. |

### Successful Test Cases

Test Case 1/35: Test Transfer of data of tables from database **mssqldb** to **oradb**.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | 5.1.1 Test Cases. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Transfer** on the main menu. |
| 2 | Connect to source database **oradb** with user **orausr** and password **ora123**. |
| 3 | Connect to destination database **mssqldb** with user **mssqlusr** and password **mssql123.** |
| 4 | Select four tables of source database as shown below: |
| 5 | Click button **Transfer** of source database window. |
| 6 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with successful data transfer (see number of rows transferred) as shown below but with errors/warnings due to non-matching of columns: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click on table "t2\_1\_..." in source and destination database table lists. |
| 2 | Click on button **Data** on right side source and destination table properties windows. |
| 3 | The resultant screen should indicate successfully transfered number of rows and data as shown below (scroll windows if needed):    Note:- NULL was inserted instead of empty string in oracle's multi-lingual table. Oracle treats empty strings as NULLs. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **Chrome** | 1.13.16(369) | 2016-12-31 | Success |  |

Test Case 2/36: Test Transfer data of a table that does not have all columns of source table but has extra columns in the destination database

Test Prerequisites:

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

Test Procedure

|  |  |
| --- | --- |
| 1 | Click on a table, say, t1\_1..., in destination table list. |
| 2 | Click button **Data** on the right bottom window to display the Result window that contains table data. |
| 3 | Enter the following statement in SQL Statement window to create a new table that does not have column **dno** of source table but has extra columns **edob** and **eexp**:  CREATE TABLE emp(eno INT NOT NULL PRIMARY KEY , ename VARCHAR(20), edob DATE, eexp INT DEFAULT 0); |
| 4 | Select table emp of source database for data transfer as shown below: |
| 5 | Click button **Transfer** of source database window. |
| 6 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with successful data transfer with warnings on non-existing and extra columns in the destination table as shown below:  <Test failed, no output.> |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click on table "emp" in source and destination database table lists. |
| 2 | Click on button Data on right side source and destination table properties windows. |
| 3 | The resultant screen should indicate successful transfer of **6 rows** of table **emp** and **NULL** values for column **edob** and default value of **0** for column **eexp** as shown below:  <Test failed, no output.> |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **Chrome** | 1.13.16(369) | 2016-12-31 | FAILED | Bug filed:  W\_B\_20161231\_64 |

### Unsuccessful Test Cases

Test Case 1/37: Test failure of transfer of data of a table not defined in the destination database

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Select table **dept** of source database as shown below: |
| 2 | Click button **Transfer** of source database window. |
| 3 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with with error message saying the table does not exist in the destination database. |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Close browser tab "Data Transfer Status". |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **Chrome** | 1.13.16(369) | 2016-12-31 | Success |  |

Test Case 2/38: Test failure of transfer of data of a table due to constraints such as primary keys.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Select table **t1\_1\_std\_data\_types\_basic** of source database for which data was already transferred as shown below: |
| 2 | Click button **Transfer** of source database window. |
| 3 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with with error messages saying there is a constraint violation error and number of transfered rows (Rows Wrote) is 0 as shown below: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Close browser tab "Data Transfer Status". |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **Chrome** | 1.13.16(369) | 2016-12-31 | Success |  |

### Post Test Test Cases

Test Case 1/39: Disconnect source and destination databases

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | wjISQL is in Data Transfer screen. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click menu item **Disconnect source**. |
| 2 | Click menu item **Disconnect destination**. |
| 3 | Click button **Back**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Main screen of wjISQL. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **Chrome** | 1.13.16(369) | 2016-12-31 | Success |  |

# SQLite Database Test Cases

## SQLite To MSSQL Database Transfer Test Cases

### Pre Test Test Cases

Test Case 1/40: Setup SQLite source database for data transfer.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Connect to Oracle database **C:/TEMP/sqlitedb**. |
| 2 | Drop all tables that exist already. |
| 3 | Execute the following scripts from test source directory **wjisql/wji\_tsrc/wji\_scripts/wji\_13\_basic\_sqlite\_tables** to create tables with data:  **tst\_13\_002\_tables\_create\_uc.sql**  **tst\_13\_003\_tables\_insert\_uc.sql** |
| 4 | Execute the following script from test source directory **wjisql/wji\_tsrc/wji\_scripts/wji\_16\_sql\_scripts** to create tables with any data:  **tst\_16\_002\_sql\_script\_deptemp.sql** |
| 5 | Disconnect |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Successful creation of tables with data in sqlitedb: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **FireFox** | 1.13.16(370) | 2016-12-31 | Success |  |

Post Test Actions:

|  |  |
| --- | --- |
| 1 | Click button **Disconnect** to disconnect from sqlitedb. |

Test Case 2/41: Setup MS SQL destination database with empty tables to received data.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Connect to MS SQL database **mssqldb** using user id **mssqlusr** and password **mssql123.** |
| 2 | Drop all tables that exist already. |
| 3 | Execute the following scripts from test source directory **wjisql/wji\_tsrc/wji\_scripts/wji\_10\_basic\_mssql\_tables** to create tables without any data:  **tst\_10\_002\_tables\_create\_uc.sql** |
| 4 | Disconnect |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Successful creation of tables without data in mysqldb: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **FireFox** | 1.13.16(370) | 2016-12-31 | Success |  |

Post Test Actions:

|  |  |
| --- | --- |
| 1 | Click button **Disconnect** to disconnect from mssqldb. |

### Successful Test Cases

Test Case 1/42: Test Transfer of data of tables from database **sqlitedb** to **mssqldb**.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | 6.1.1 Test Cases. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Transfer** on the main menu. |
| 2 | Connect to source database **C:/TEMP/sqlitedb**. |
| 3 | Connect to destination database **mssqldb** with user **mssqlusr** and password **mssql123.** |
| 4 | Select four tables of source database as shown below: |
| 5 | Click button **Transfer** of source database window. |
| 6 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with successful data transfer (see number of rows transferred) as shown below but with errors/warnings due to non-matching of columns: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click on table "t2\_1\_..." in source and destination database table lists. |
| 2 | Click on button **Data** on right side source and destination table properties windows. |
| 3 | The resultant screen should indicate successful transfer of number of rows and data as shown below (scroll windows if needed): |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **FireFox** | 1.13.17(376) | 2017-01-01 | Success |  |

Test Case 2/43: Test Transfer data of a table that does not have all columns of source table but has extra columns in the destination database

Test Prerequisites:

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

Test Procedure

|  |  |
| --- | --- |
| 1 | Click on a table, say, t1\_1..., in destination table list. |
| 2 | Click button **Data** on the right bottom window to display the Result window that contains table data. |
| 3 | Enter the following statement in SQL Statement window to create a new table that does not have column **dno** of source table but has extra columns **edob** and **eexp**:  CREATE TABLE emp(eno INT NOT NULL PRIMARY KEY , ename VARCHAR(20), edob DATE, eexp INT DEFAULT 0); |
| 4 | Select table emp of source database for data transfer as shown below: |
| 5 | Click button **Transfer** of source database window. |
| 6 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with successful data transfer with warnings on non-existing and extra columns in the destination table as shown below: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click on table "emp" in source and destination database table lists. |
| 2 | Click on button Data on right side source and destination table properties windows. |
| 3 | The resultant screen should indicate successful transfer of **6 rows** of table **emp** and **NULL** values for column **edob** and default value of **0** for column **eexp** as shown below: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **FireFox** | 1.13.17(376) | 2017-01-01 | Success |  |

### Unsuccessful Test Cases

Test Case 1/44: Test failure of transfer of data of a table not defined in the destination database

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Select table **dept** of source database as shown below: |
| 2 | Click button **Transfer** of source database window. |
| 3 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with with error message saying the table does not exist in the destination database. |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Close browser tab "Data Transfer Status". |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **FireFox** | 1.13.17(376) | 2017-01-01 | Success |  |

Test Case 2/45: Test failure of transfer of data of a table due to constraints such as primary keys.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Select table **t1\_1\_std\_data\_types\_basic** of source database for which data was already transferred as shown below: |
| 2 | Click button **Transfer** of source database window. |
| 3 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with with error messages saying there is a constraint violation error and number of transfered rows (Rows Wrote) is 0 as shown below: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Close browser tab "Data Transfer Status". |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **FireFox** | 1.13.17(376) | 2017-01-01 | Success |  |

### Post Test Test Cases

Test Case 1/46: Disconnect source and destination databases

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | wjISQL is in Data Transfer screen. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click menu item **Disconnect source**. |
| 2 | Click menu item **Disconnect destination**. |
| 3 | Click button **Back**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Main screen of wjISQL. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **FireFox** | 1.13.17(376) | 2017-01-01 | Success |  |

## SQLite To Oracle Database Transfer Test Cases

### Pre Test Test Cases

Test Case 1/47: Setup SQLite source database for data transfer.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Connect to Oracle database **C:/TEMP/sqlitedb**. |
| 2 | Drop all tables that exist already. |
| 3 | Execute the following scripts from test source directory **wjisql/wji\_tsrc/wji\_scripts/wji\_13\_basic\_sqlite\_tables** to create tables with data:  **tst\_13\_002\_tables\_create\_uc.sql**  **tst\_13\_003\_tables\_insert\_uc.sql** |
| 4 | Execute the following script from test source directory **wjisql/wji\_tsrc/wji\_scripts/wji\_16\_sql\_scripts** to create tables with any data:  **tst\_16\_002\_sql\_script\_deptemp.sql** |
| 5 | Disconnect |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Successful creation of tables with data in sqlitedb: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **FireFox** | 1.13.17(376) | 2017-01-01 | Success |  |

Post Test Actions:

|  |  |
| --- | --- |
| 1 | Click button **Disconnect** to disconnect from sqlitedb. |

Test Case 2/48: Setup Oracle destination database with empty tables to received data.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Connect to MS SQL database **oradb** using user id **orausr** and password **ora123.** |
| 2 | Drop all tables that exist already. |
| 3 | Execute the following scripts from test source directory **wjisql/wji\_tsrc/wji\_scripts/wji\_07\_basic\_oracle\_tables** to create tables without any data:  **tst\_07\_002\_tables\_create\_uc.sql** |
| 4 | Disconnect |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Successful creation of tables without data in oradb: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **FireFox** | 1.13.17(376) | 2017-01-01 | Success |  |

Post Test Actions:

|  |  |
| --- | --- |
| 1 | Click button **Disconnect** to disconnect from oradb. |

### Successful Test Cases

Test Case 1/49: Test Transfer of data of tables from database **sqlitedb** to **oradb**.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | 6.1.1 Test Cases. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Transfer** on the main menu. |
| 2 | Connect to source database **C:/TEMP/sqlitedb**. |
| 3 | Connect to destination database **oradb** with user **orausr** and password **ora123.** |
| 4 | Select four tables of source database as shown below: |
| 5 | Click button **Transfer** of source database window. |
| 6 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with successful data transfer (see number of rows transferred) as shown below but with errors/warnings due to non-matching of columns: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click on table "t2\_1\_..." in source and destination database table lists. |
| 2 | Click on button **Data** on right side source and destination table properties windows. |
| 3 | The resultant screen should indicate successful transfer of number of rows and data as shown below (scroll windows if needed):    Note that NULLs were instead of empty strings in a row as expected for Oracle tables. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **FireFox** | 1.13.17(376) | 2017-01-01 | Success |  |

Test Case 2/50: Test Transfer data of a table that does not have all columns of source table but has extra columns in the destination database

Test Prerequisites:

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

Test Procedure

|  |  |
| --- | --- |
| 1 | Click on a table, say, t1\_1..., in destination table list. |
| 2 | Click button **Data** on the right bottom window to display the Result window that contains table data. |
| 3 | Enter the following statement in SQL Statement window to create a new table that does not have column **dno** of source table but has extra columns **edob** and **eexp**:  CREATE TABLE emp(eno INT NOT NULL PRIMARY KEY , ename VARCHAR(20), edob DATE, eexp INT DEFAULT 0); |
| 4 | Select table emp of source database for data transfer as shown below: |
| 5 | Click button **Transfer** of source database window. |
| 6 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with successful data transfer with warnings on non-existing and extra columns in the destination table as shown below:  <test failed> with following o/p: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click on table "emp" in source and destination database table lists. |
| 2 | Click on button Data on right side source and destination table properties windows. |
| 3 | The resultant screen should indicate successful transfer of **6 rows** of table **emp** and **NULL** values for column **edob** and default value of **0** for column **eexp** as shown below:  <test failed> |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **FireFox** | 1.13.17(376) | 2017-01-01 | FAILED | Bug filed:  W\_B\_20161231\_64 |

### Unsuccessful Test Cases

Test Case 1/51: Test failure of transfer of data of a table not defined in the destination database

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Select table **dept** of source database as shown below: |
| 2 | Click button **Transfer** of source database window. |
| 3 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with with error message saying the table does not exist in the destination database. |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Close browser tab "Data Transfer Status". |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **FireFox** | 1.13.17(376) | 2017-01-01 | Success |  |

Test Case 2/52: Test failure of transfer of data of a table due to constraints such as primary keys.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Select table **t1\_1\_std\_data\_types\_basic** of source database for which data was already transferred as shown below: |
| 2 | Click button **Transfer** of source database window. |
| 3 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with with error messages saying there is a constraint violation error and number of transfered rows (Rows Wrote) is 0 as shown below: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Close browser tab "Data Transfer Status". |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **FireFox** | 1.13.17(376) | 2017-01-01 | Success |  |

### Post Test Test Cases

Test Case 1/53: Disconnect source and destination databases

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | wjISQL is in Data Transfer screen. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click menu item **Disconnect source**. |
| 2 | Click menu item **Disconnect destination**. |
| 3 | Click button **Back**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Main screen of wjISQL. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  **FireFox** | 1.13.17(376) | 2017-01-01 | Success |  |

## SQLite To MySQL Database Transfer Test Cases

### Pre Test Test Cases

Test Case 1/54: Setup SQLite source database for data transfer.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Connect to Oracle database **/tmp/sqlitedb**. |
| 2 | Drop all tables that exist already. |
| 3 | Execute the following scripts from test source directory **wjisql/wji\_tsrc/wji\_scripts/wji\_13\_basic\_sqlite\_tables** to create tables with data:  **tst\_13\_002\_tables\_create\_uc.sql**  **tst\_13\_003\_tables\_insert\_uc.sql** |
| 4 | Execute the following script from test source directory **wjisql/wji\_tsrc/wji\_scripts/wji\_16\_sql\_scripts** to create tables with any data:  **tst\_16\_002\_sql\_script\_deptemp.sql** |
| 5 | Disconnect |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Successful creation of tables with data in sqlitedb: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubunitu 16.04 LTS  **Chrome** | 1.13.17(376) | 2017-01-01 | Success |  |

Post Test Actions:

|  |  |
| --- | --- |
| 1 | Click button **Disconnect** to disconnect from sqlitedb. |

Test Case 2/55: Setup MYSQL destination database with empty tables to received data.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Connect to MySQL database **mysqldb** using user id **mysqlusr** and password **mysql123.** |
| 2 | Drop all tables that exist already. |
| 3 | Execute the following scripts from test source directory **wjisql/wji\_tsrc/wji\_scripts/wji\_01\_basic\_mysql\_tables** to create tables without any data:  **tst\_01\_002\_tables\_create\_uc.sql** |
| 4 | Disconnect |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Successful creation of tables without data in mysqldb: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubunitu 16.04 LTS  **Chrome** | 1.13.17(376) | 2017-01-01 | Success |  |

Post Test Actions:

|  |  |
| --- | --- |
| 1 | Click button **Disconnect** to disconnect from mysqldb. |

### Successful Test Cases

Test Case 1/56: Test Transfer of data of tables from database **sqlite** to **mysqldb**.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | 6.3.1 Test Cases. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Transfer** on the main menu. |
| 2 | Connect to source database **/tmp/sqlitedb**. |
| 3 | Connect to destination database **mysqldb** with user **mysqlusr** and password **mysql123.** |
| 4 | Select four tables of source database as shown below: |
| 5 | Click button **Transfer** of source database window. |
| 6 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with successful data transfer (see number of rows transferred) as shown below but with errors/warnings due to non-matching of columns: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click on table "t2\_1\_..." in source and destination database table lists. |
| 2 | Click on button **Data** on right side source and destination table properties windows. |
| 3 | The resultant screen should indicate successful transfer of number of rows and data as shown below (scroll windows if needed): |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubunitu 16.04 LTS  **Chrome** | 1.13.17(376) | 2017-01-01 | Success |  |

Test Case 2/57: Test Transfer data of a table that does not have all columns of source table but has extra columns in the destination database

Test Prerequisites:

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

Test Procedure

|  |  |
| --- | --- |
| 1 | Click on a table, say, t1\_1..., in destination table list. |
| 2 | Click button **Data** on the right bottom window to display the Result window that contains table data. |
| 3 | Enter the following statement in SQL Statement window to create a new table that does not have column **dno** of source table but has extra columns **edob** and **eexp**:  CREATE TABLE emp(eno INT NOT NULL PRIMARY KEY , ename VARCHAR(20), edob DATE, eexp INT DEFAULT 0); |
| 4 | Select table emp of source database for data transfer as shown below: |
| 5 | Click button **Transfer** of source database window. |
| 6 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with successful data transfer with warnings on non-existing and extra columns in the destination table as shown below: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click on table "emp" in source and destination database table lists. |
| 2 | Click on button Data on right side source and destination table properties windows. |
| 3 | The resultant screen should indicate successful transfer of **6 rows** of table **emp** and **NULL** values for column **edob** and default value of **0** for column **eexp** as shown below: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubunitu 16.04 LTS  **Chrome** | 1.13.17(376) | 2017-01-01 | Success |  |

### Unsuccessful Test Cases

Test Case 1/58: Test failure of transfer of data of a table not defined in the destination database

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Select table **dept** of source database as shown below: |
| 2 | Click button **Transfer** of source database window. |
| 3 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with with error message saying the table does not exist in the destination database. |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Close browser tab "Data Transfer Status". |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubunitu 16.04 LTS  **Chrome** | 1.13.17(376) | 2017-01-01 | Success |  |

Test Case 2/59: Test failure of transfer of data of a table due to constraints such as primary keys.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Select table **t1\_1\_std\_data\_types\_basic** of source database for which data was already transferred as shown below: |
| 2 | Click button **Transfer** of source database window. |
| 3 | Confirm **OK** on a transfer confirmation window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new "Data Transfer Status" tab of browser with with error messages saying there is a constraint violation error and number of transfered rows (Rows Wrote) is 0 as shown below: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Close browser tab "Data Transfer Status". |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubunitu 16.04 LTS  **Chrome** | 1.13.17(376) | 2017-01-01 | Success |  |

### Post Test Test Cases

Test Case 1/60: Disconnect source and destination databases

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | wjISQL is in Data Transfer screen. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click menu item **Disconnect source**. |
| 2 | Click menu item **Disconnect destination**. |
| 3 | Click button **Back**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Main screen of wjISQL. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubunitu 16.04 LTS  **Chrome** | 1.13.17(376) | 2017-01-01 | Success |  |