Database Selector

**Users Guide v1.1.0**

# 

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# Overview

This document is intended to assist users of Database Selector Tool. This document will discuss areas such as how to run the tool, how to setup the configuration file and possible errors to encounter and how to fix it.

# Runtime Environment Requirements

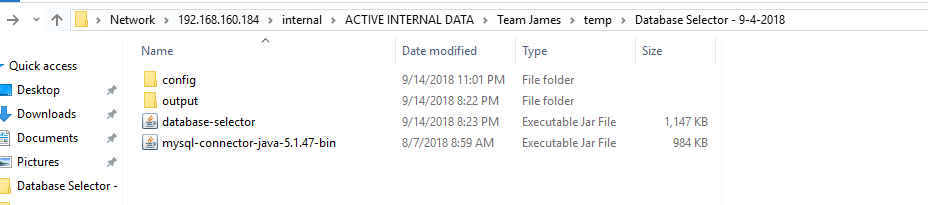
1. Installed JRE version 1.8 or later.
2. Set Java Memory to At least 1GB or Greater.
3. IO Permission to folders to be accessed by the tool both for INPUT folder and OUTPUT folder.
4. Free filesystem space of at least twice of INPUT data size.

# Runnable Jar Location

**\\192.168.160.184\internal\ACTIVE INTERNAL DATA\Team James\temp\Database Selector - 9-4-2018\database-selector v1.0.0**

# How to Configure

* The Configuration file can be found in 'config/config.properties' where database-selector.jar is located



.

## config.ini

*The "config.properties" file is divided into four sections, namely [DATABASE], [CREDENTIALS], [OUTPUT PATH] and [QUERY STATEMENT]*

**[DATABASE]** - For configuring the database information needed to connect and communicate with your database.

* DATABASE\_NAME
  + The name of your database.
  + Ex. comref, comref2 or ebookshop.
* DATABASE\_PATH
  + The url used to connect to your database prefixed by “jbdc:mysql:”.
  + Comref2 is the database name and ?useSSL=false is for setting the connection can be set to true or false depending on your database setup.
  + Ex. Jbdc:mysql://192.168.143.15:3306/comref2?useSSL=false
* JBDC\_DRIVER
  + The url for using an online driver for the jbdc api, can be ignored if you have installed jbdc drivers.
  + Ex: org.gjt.mm.mysql.Driver

**[OUTPUT PATH]** - is the path where your outputs and logs will be placed.

Ex: C:/Users/nbriones/Documents/TASKS/Database Selector - 9-4-2018/output/

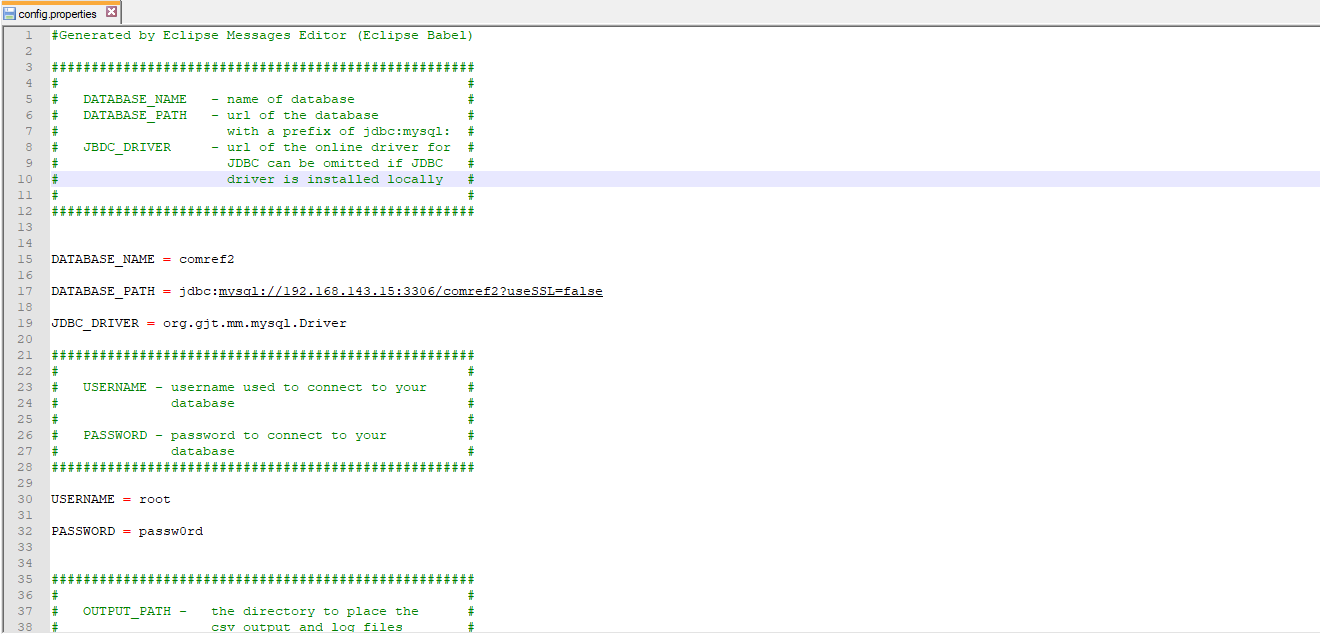
**[CREDENTIALS] -** is the username and password used to connect to your database.

Ex: username: root, password : passw0rd

**[QUERY STATEMENT] -** is the select statement to be communicated to the database in order to get the corresponding result set.

**Sample Configuration file:**

config.properties

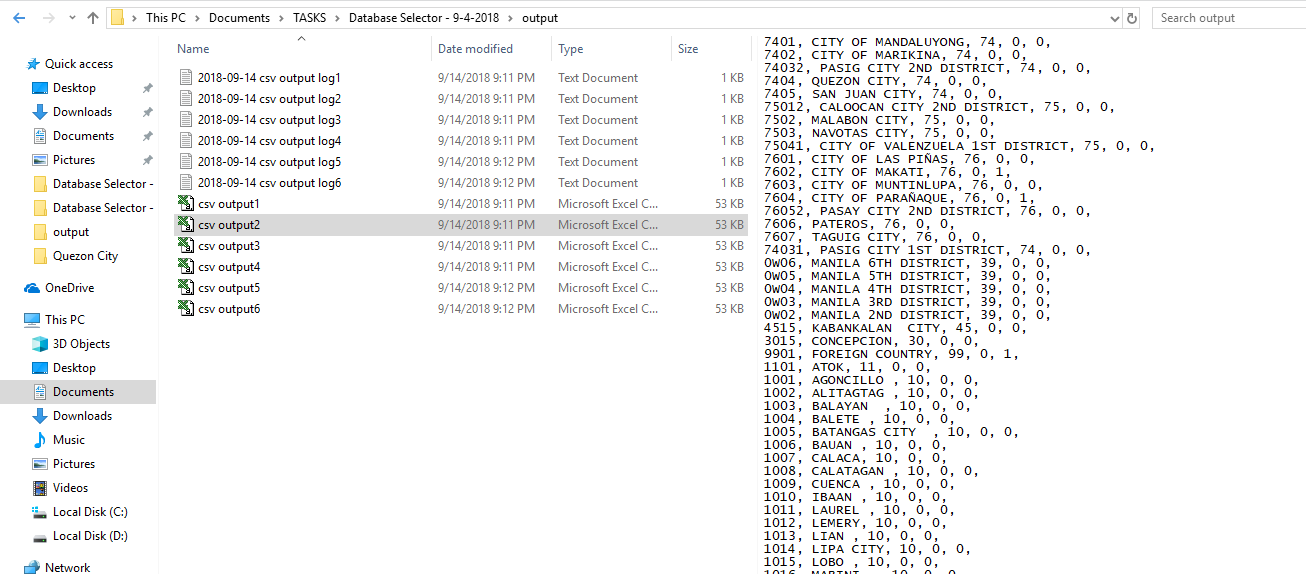


# How to Run the Tool

1. Open CMD.
2. Input "java -jar [location of the jar file]" and press enter;
3. Wait until DONE! is displayed.

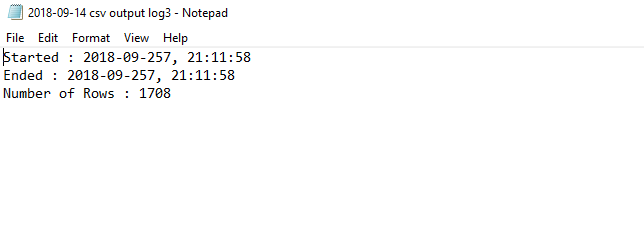
**Sample Output:**

Files are named csv output and a sequence number from the earliest created in the folder to the latest..



Logs are created as text file with the start time, end time and the number of rows processed in a table.

2018-09-14 csv output log1.txt.



# Possible Errors and How to Fix it

|  |  |
| --- | --- |
| **Error** | **Solution** |
| SQL Exception | Check if the statement syntax is correct |
| Invalid Access | Your ip might not be allowed to connect to the database |
| Output folder not found | Check for output folder |
| Driver not found | The jar for the JBDC driver might not be installed, or the program does not have access to the JBDC driver jar. |
| SSL error | SSL setup might be required in the database url |

# Version History

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Description | Revised by: | Revision Date: |
| 1.0.0 | Revision | Norbert M. Briones | 2018-14-09 |