

EIS LAB Summer 2014 Exploiting Data from Government Data Portals

Exporting Data from MS Excel to MS SQL Ex.Govt.DataExcel2SQLTool 1.0 User Manual

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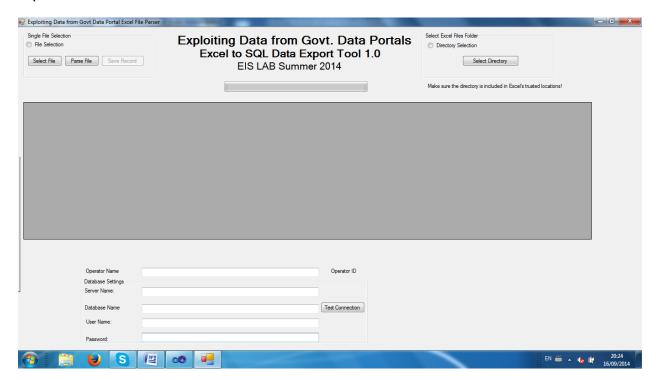


1 Introduction

This tool has been designed and developed in C# using Microsoft dot Net visual Studio 2010. It allow the user either to select a single file or a directory. After selecting a file, it parses the file and checks its format and other things according to the requirement of MS SQL data table. It shows the file in grid view so that user can visualize the data that is going to export to SQL and also modify this data if necessary. Furthermore, if during exporting data to SQL if it found any error, it saves the entry to errorlog.txt and move to the next file until unless all files are not finished. In case of successful exporting of data to SQL it save the entry to success log. After finishing data exporting, user can analyze the error detail in error log and success detail in successlog.txt.

2 Enter Data Base Credentials

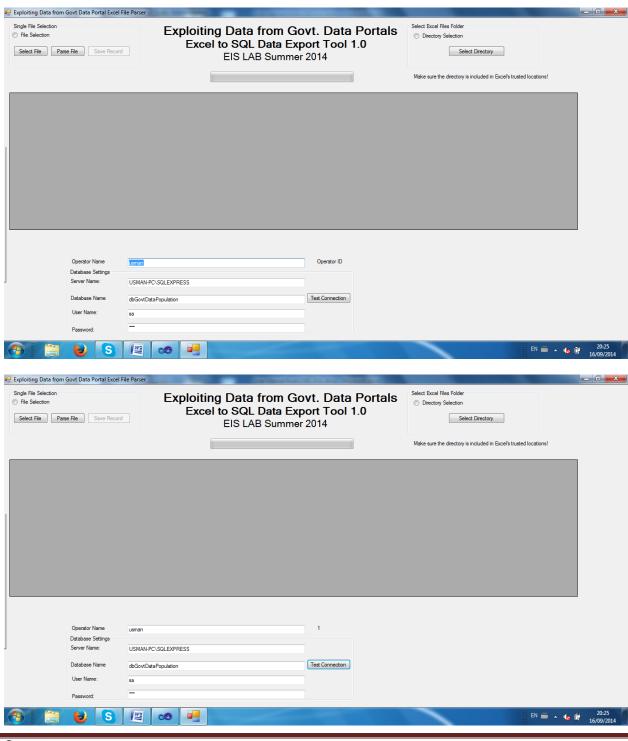
User have to provide database credentials including server name, data base name, user name and password as well as operator name who will be responsible to data export.





3 Verify Database Credentials and Operator Name

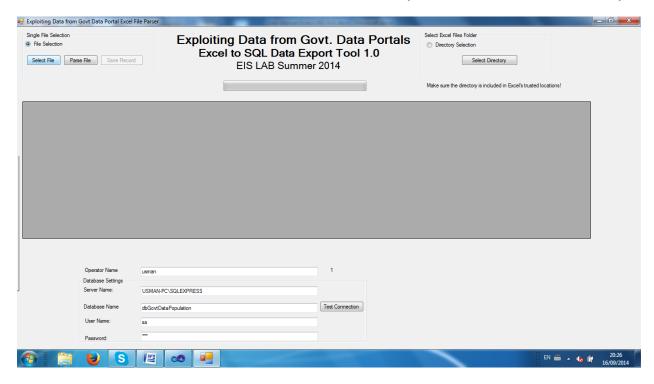
After providing database credentials, click on Test connection, in case of successful credentials System will return 1 otherwise it will return -1.



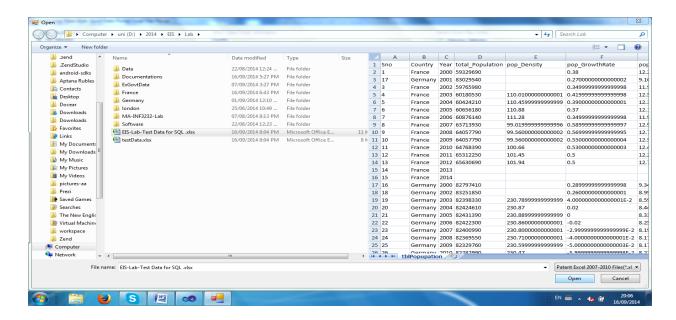


4 Single File / Directory Selection

After successful verification of credentials user can select either a single file or directory. In case of directory, automatic data parsing and data exporting to SQL will be started until unless all files in the specified directory are not processed. During exporting data if there is any error system will make entry to errorlog.txt with error detail created in the parent directory and in case of successful data exporting it will save the entry to successlog.txt created in parent directory of the system and successfully exported files will be moved to another folder so that user can see only erroneous file in the directory.

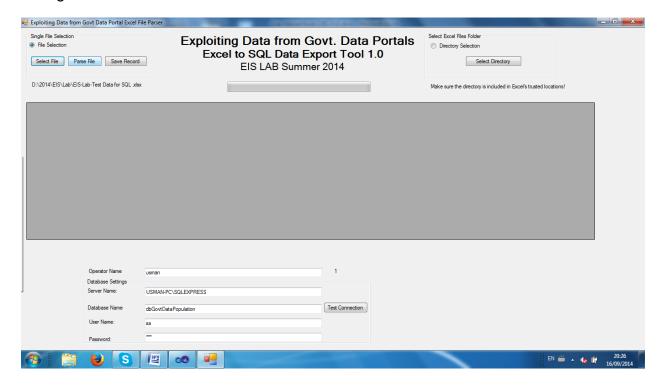






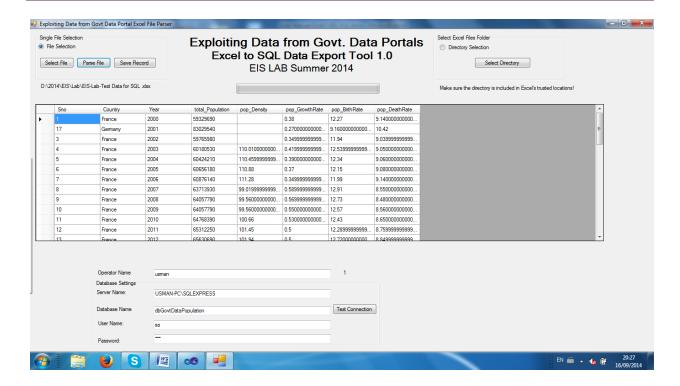
5 File Parsing

After selecting file, user have to parse it by clicking on Parse file button. The whole file will be loaded into grid view so that user can see and modify data if needed before saving dataset into SQL.





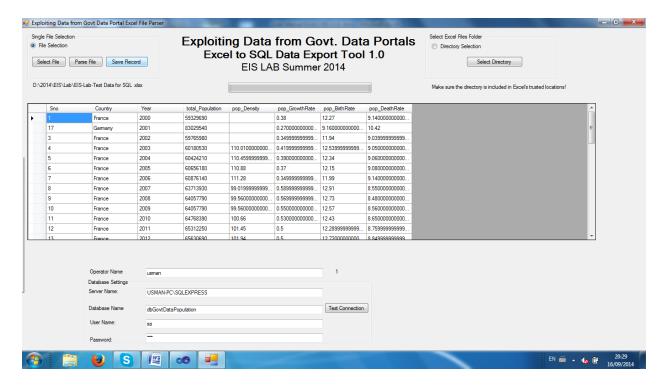
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6 Save Record

If all data is correct and in right format, user can export this data by clicking on save record button and after successful exporting system will generate a message of success. While in case of directory this message will be saved in successlog.txt with file name.





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