



## Automatic Merge Extract

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## 1.0 Introduction

The purpose of this document is to provide the Kentucky Transportation Cabinet (KYTC) with supporting documentation to accompany a script that has been developed to meet an outstanding data extraction need for merge queries. This document should be read in its entirety prior to running the script that it supports, `install_merge_extract.sql`. It provides brief instructions on how to install the Automatic Merge Extract and make updates to meet any administration requirements.

## 2.0 Description of Automatic Merge Extract

Bentley Systems has developed a script that utilizes and expands existing functionality in the Exor Software and provides a solution to meet the requirements discussed above. The automatic merge extract will give the user access to a web interface. This interface will allow the user to download a Comma Separated Value (CSV) file of a merge query output.

## 3.0 Automatic Merge Extract Details and Administration Security

Bentley has created an installation process to implement standard features of the Exor software. The details of these are:

A HIG module is created (MERGE\_EX) with a NET\_USER Role in normal mode. A Favorite is added named Automatic Merge Extract and is listed under Asset Manager > Asset Queries. When executed, it opens up in the default internet browser with a simple form that allows the user to pick a merge query that has results. Selecting "continue" will allow the user to select a result set. Once selected, the user can pick "continue" to generate the output. Once generated, the output can be downloaded.

## 4.0 Installing Automatic Merge Extract

A script has been provided to install automatic merge extract and all of its dependencies to the database. It creates the package, associated roles, and the forms link under: Asset Manager > Asset Queries > Automatic Merge Extract

The script can be located in `..\install\install_merge_extract.sql`

After installation, please review the log file that is created during the installer process for errors.

## 5.0 Uninstalling the Automatic Merge Extract

An additional script has been provided that can be run if KYTC ever needs to remove the Automatic Merge Extract and all of its dependencies from the database. It deletes the package, associated roles, and the forms link.

The script is titled: `uninstall_merge_extract.sql`

## 6.0 Summary and Conclusion

The output made available by running the script accompanying this document will meet the data needs for querying and reporting information pertaining to extracting merge query data.