



# HOW-TO

## How-to Automate Log Export in Data Master

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Software version: 2025.3 or later

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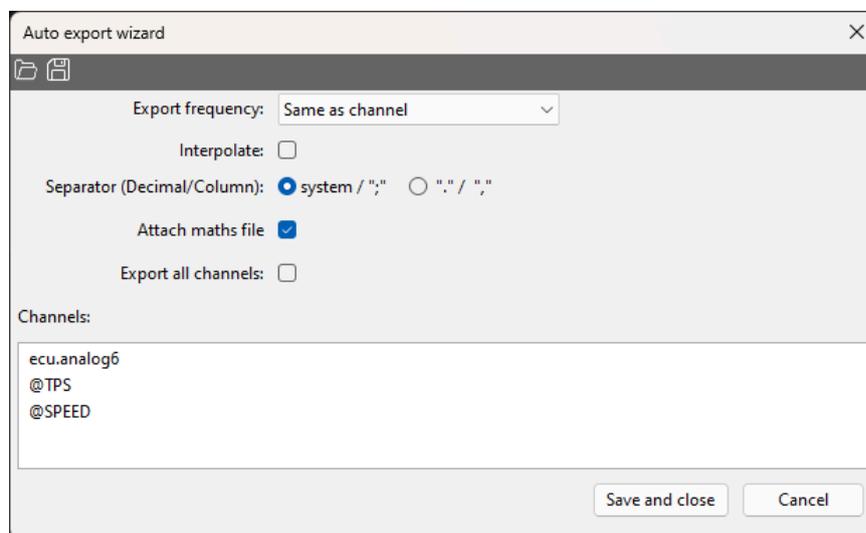
# 1. Description

Data Master can operate in automatic export mode, allowing logs to be loaded and exported without opening the Graphical User Interface. This is done by specifying all necessary parameters via the Command Line, using an export configuration file.

## Creating an Export Configuration File

Before running an automated export, an export configuration file must be prepared. This file defines the export parameters and can be created within the Data Master software. Follow these steps:

1. Open Data Master.
2. In the *Graph Log* panel, click the "... (More Commands)" icon on the toolbar and select **Auto Export Wizard**.
3. In the wizard, configure the export settings:
  - **Open** an existing export configuration file or create a new one.
  - Select the **Export Frequency**.
  - Choose whether to apply **data interpolation** or disable it.
  - Set the **decimal separator**.
  - Enable **Attached maths file** if you want to include mathematical channels and aliases that were loaded in the project at the time of creating the export file. If this option is not selected, these elements will not be included in the export.
  - Decide whether to export **all channels** or only the channels currently present in the *Graph Log* (if "Export all channels" is not selected).



4. Save the configuration file in a chosen folder.

## Running Automatic Export via Command Line

Once the export configuration file is ready, logs can be converted automatically without opening the software. To do this, use the Command Line and follow these steps:

### 1. Open the **Command Line**.

### 2. Enter the following command: `DATA_MASTER.exe -csv-export <config_file_path> <log_files>`

- Replace `<config_file_path>` with the absolute or relative path to the previously saved export configuration file.
- Replace `<log_files>` with:
  - A specific log file path (absolute or relative).
  - A wildcard pattern `*` to export all log files in the folder.
  - `*.extension` (e.g., `*.adulog`) to export all log files of a specific type in the directory.
  - A list of multiple log files with their paths.
- File names (for both the config file and logs) must be enclosed in double quotes (" ").

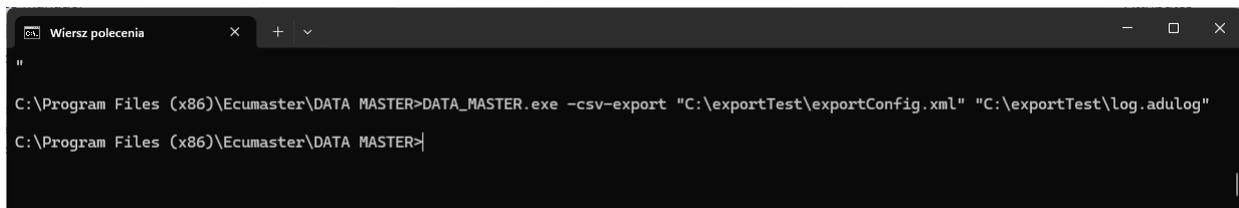
After executing this command, Data Master will process the logs according to the specified parameters and export them automatically. The resulting files will have the same names as the original log files but with a `.csv` extension.



#### Note:

If a file with the same name already exists, it will be overwritten.

## Example configuration



```
Wiersz poleceń
C:\Program Files (x86)\Ecumaster\DATA MASTER>DATA_MASTER.exe -csv-export "C:\exportTest\exportConfig.xml" "C:\exportTest\log.adulog"
C:\Program Files (x86)\Ecumaster\DATA MASTER>
```



```
exportConfig.xml
Plik | C:/exportTest/exportConfig.xml
This XML file does not appear to have any style information associated with it. The document tree is shown below.
<export>
  <properties columnSeparator="," decimalSeparator="" interpolate="false" frequency="25"/>
  <project name=""/>
  <channel id="ecu.analog6"/>
  <channel id="@TPS"/>
  <channel id="@SPEED"/>
</export>
```

## 2. Document history

Version	Date	Changes
1.0	2025.04.25	Initial release