jemoview – Jeti Model Viewer

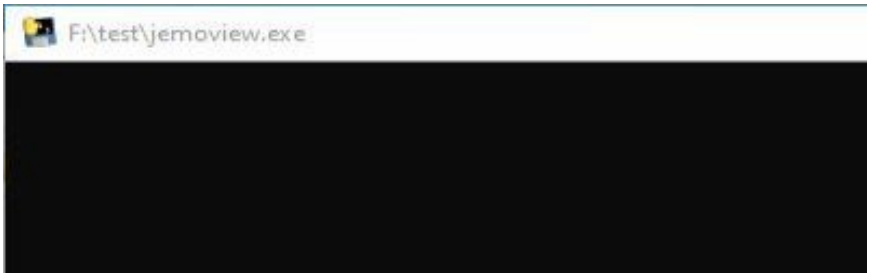
Background

Jeti RC transmitters store the model programs in folder Model on the SD memory card. The name of each model file consists of a 4-digit number (corresponding to the order of the models in the transmitter) followed by an alphanumeric text of maximum 4 characters (corresponding to the first 4 places of the model name) plus the extension jsn (for example 0007Pipe.jsn). The ending jsn stands for JSON, which is a text format formed by pairs of keys and values. As a rule the content of such jsn files consists of a single long line, and therefore it is difficult to understand when opened with a usual text editor.
The program jemoview reads such model files, extracts the essential data and writes the result as table into a new csv (spreadsheet) file, for example 0007Pipe.csv. The extension csv stands for “comma separated values”, i.e. the values in each line are separated by special characters. Jemoview uses the semicolon ; as its standard separator. The advantage of the csv format is that usual table programs such as Excel (by MS) or Calc (by Libre Office) will display the data as table and on the other hand its data can be processed as text with usual search or comparison programs.

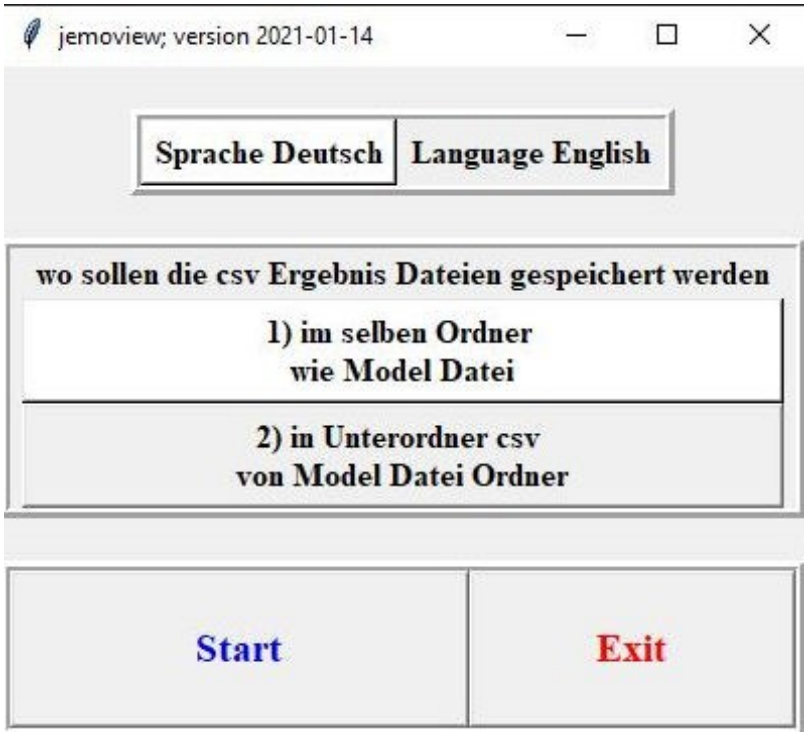
Process

The jemoview.exe program works with Windows10, older Windows versions were not tested. The evaluation of the models runs as follows:

- transfer models from Jeti transmitter to PC, for example into a folder named test
- save the program jemoview.exe in the folder test
- open Windows Explorer and navigate to the folder test. After double-clicking on jemoview.exe, a terminal window appears:



and after a short time (may take longer on older PCs) the following window:



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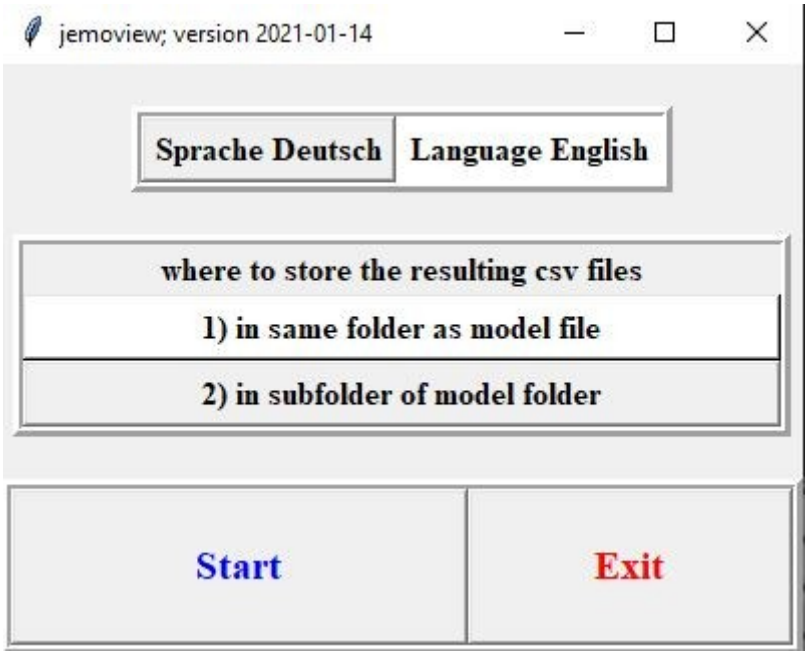
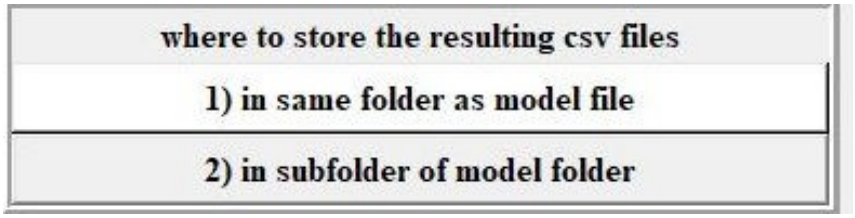
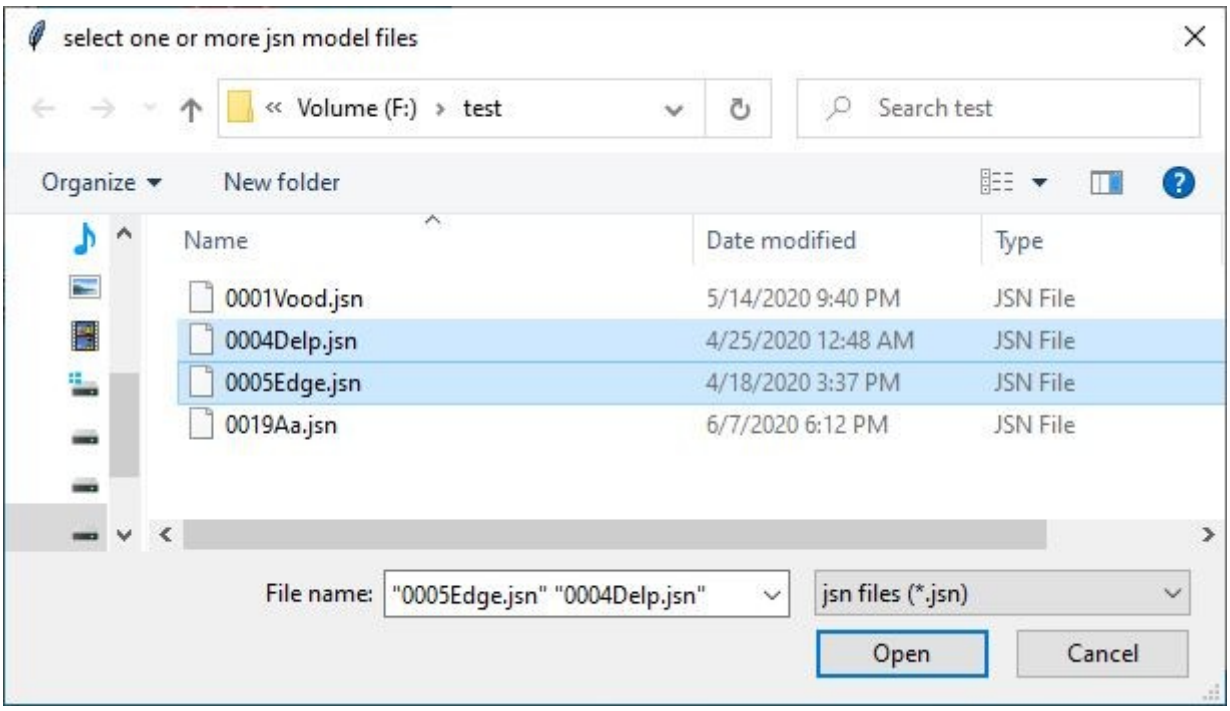
- click on button „Language English“ to switch to English:



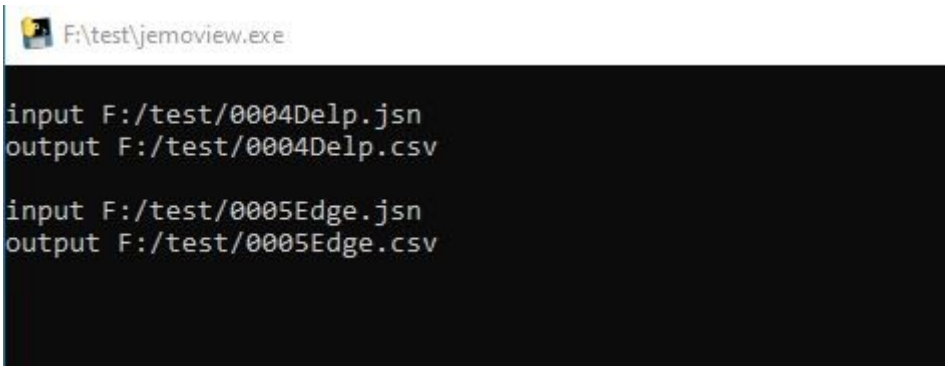
- now you can specify where the csv result files should be stored. Default is parallel to the model files in the same folder (in the example in test). Alternatively they can be stored in a separate subfolder named csv (in the example in test\csv). This csv subfolder would be created automatically by jemoview if it does not already exist:



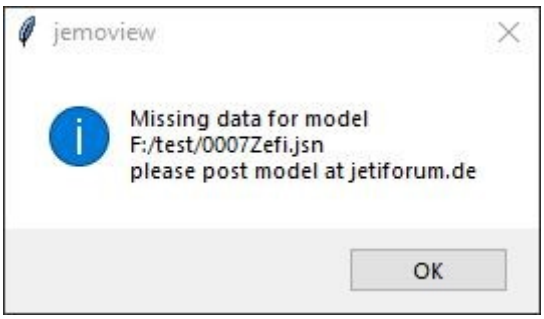
- after pressing the big *Start* button the following selection menu appears, in which one or more jsn model files can be selected for processing:



- in the example above, 2 model files were selected. By pressing the *Open* button in the above selection dialog, the evaluation begins
- and the processing is logged in the terminal window:



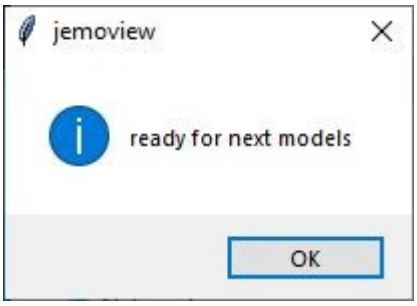
If a problem occurs during processing, a message appears:



The model file in question is needed to close the data gap, so please post your model file on jetiforum.de, in the thread
https://jetiforum.de/index.php/flightmonitor/12021-jemoview-jeti-modell-viewer

In the result file, the term "?zefix?" will be inserted at the corresponding position instead of the missing value.

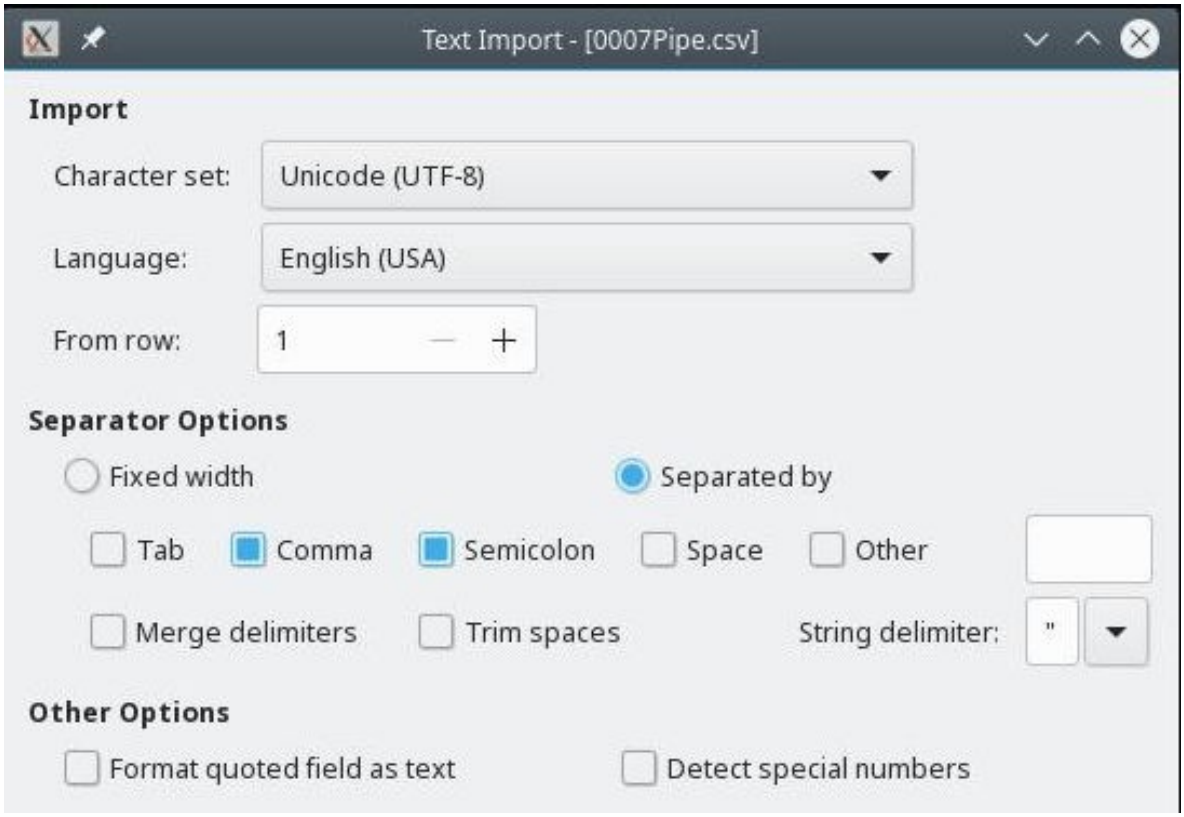
- in addition, a window will appear to confirm that processing is complete:



- now either another run for evaluation can be selected via the *Start* button or the program can be terminated with the *Exit* button

Hint:

The csv result files are generated with the UTF-8 character set. This is an international standard that all systems like Windows, Apple and Linux can handle. It is important that this UTF-8 character set is selected when opening the file with a spreadsheet program, if the file contains one of the German umlauts ä ö ü.
The import window looks like this when using Calc from the Libre Office package, for example:



When opened with the usual Windows character sets, the umlauts would be displayed incorrectly.