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KISSsys function:

Read, write and open external files

1 Introduction

1.1 Purpose

This paper is written to give basic information how to handle files from KISSsys. If you need more information of how to use different types of files, please contact KISSsoft AG for more information

2 File handling

2.1 Introduction

It is possible to read in files or write external files from KISSsys with help of couple of functions. Information needs to be in text format to be able to handle it without any further conversions. Here are simple examples available how to write text file, how to open it and how to show it directly in KISSedit.

Function codes are as follows. Red text can be modified.

```
CADH_WriteToFile(kSoft_GetDir("*.ks")+ "\\ "+ FileName, text);  
Imported=kSys_OpenFile(TRUE, kSoft_GetDir("*.ks")+ "*.FileExtension");  
kSoft_EditFile(Imported);
```

2.2 Functions

2.2.1 Write file

When external file is to be created use function "CADH_WriteToFile();" for that purpose. When you want to save the file in defined folder you can use "kSoft_GetDir();" function to define the folder where to save the file. If using definition kSoft_GetDir("*.ks") folder where current KISSsys file is saved is used. "**FileName**" is the name for the saved file with file extension and "**text**" defines what is written in the file. This information needs to be defined before.

2.2.2 Read file

When external file is to be read in KISSsys use function "kSys_OpenFile();" for that. When file is read in it needs to be saved to an existing variable ("**Imported**"). Definition "**TRUE**" for the parameters means that "Open" - dialog is shown for opening, in case if "**FALSE**" is defined "Save As" dialog is shown. Use "kSoft_GetDir();" to define folder to look from and "***.FileExtension**" to look for certain type of files. Also the whole name for the file can be defined instead of only extension. When file is selected and opened, it is saved to the variable "**Imported**".

2.2.3 Open in KISSedit

File can be also opened directly in KISSedit using function "kSoft_EditFile();" functions. Define file needs to be opened in editor to the functions parameter kSoft_EditFile(**FileName**);. Note you can also open variable defined inside KISSsys only e.g. from this example "**text**" can be opened directly with "kSoft_EditFile(**text**)".

2.3 Course code

Example will do the example below:

<pre>VAR text, Imported; Imported = ""; text = ""; text = text + "This is an example function how to create a file.\n"; text = text + "Write this file to the project folder and then open it again as a \"read in\" or \"import\".\"+ \"\\n\"; text = text + "Finally open the same file with KISSedit."; text = text + "\\n\\n \\n \\n \\n \\n\" means that there is a line break in the file."; CADH_WriteToFile(kSoft_GetDir("*.*")+ "\\TestFile.txt",text); Imported=kSys_OpenFile(TRUE,kSoft_GetDir("*.*")+ "*.*.txt"); kSoft_EditFile(Imported);</pre>	<p>Define local variables</p> <p>Initialize variables to be empty strings</p> <p>Create information to the variable "text"</p> <p>Write file "TestFile.txt" with information of variable "text"</p> <p>Open an existing file via dialog</p> <p>Open selected file in KISSedit</p>
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2.4 Results

When the above function is typed in KISSsys and operated, following will happen. File is written in folder with the name "TextFile.txt" including information saved in variable "text". Then Dialog is shown to open an existing "*.txt" file.

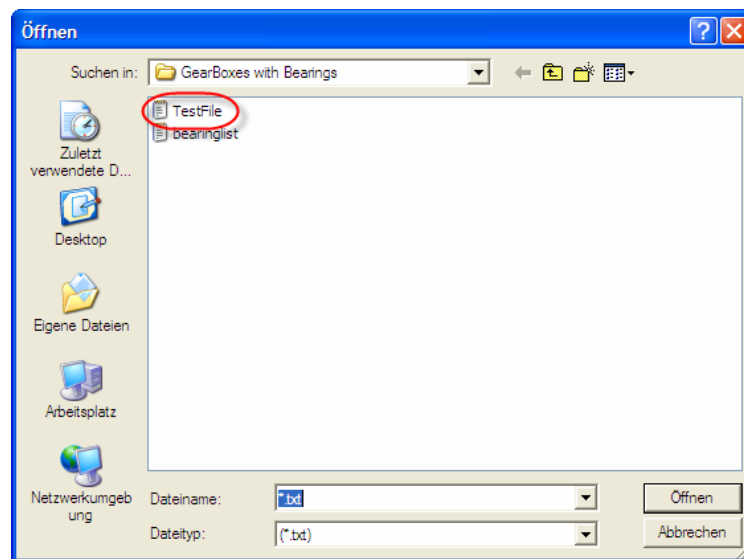


Figure 2.4-1 Open an existing file

Finally selected file is opened in KISSedit.

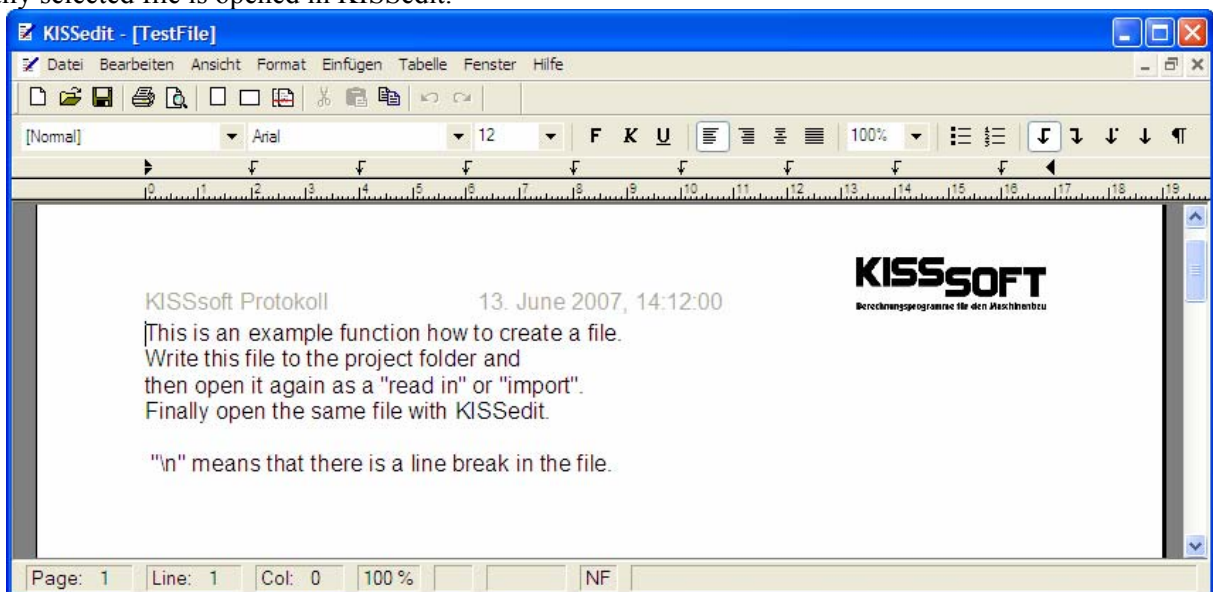


Figure 2.4-2 File opened in KISSedit