WinAC File–I/O

The WinAC extension **File-I/O** allows performing file operations (write / read / delete) in a PLC program in an easy way.

Functionality

It is possible to write parts of data blocks into files or to read files into data blocks. The data types within the data blocks are not relevant. The files are written unmodified. If the data block contains numbers, the result is a binary file, if it contains strings only, it is an ASCII file. As well as writing / reading whole data blocks it is possible to process only parts of the data blocks. Furthermore **File-I/O** allows deleting files.

The function block **File-I/O** works asynchronously. Thus the cycle time of your PLC program is not affected. The completion of the operation is marked by resetting a Boolean input/output.
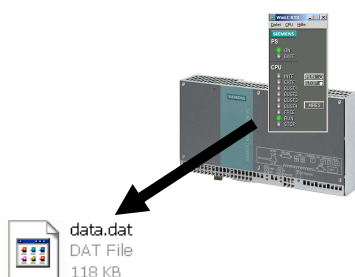
Examples of use

File-I/O can be used in example in every form of data storing and restoring, which has to be executed directly from the SPS.

Scope of supply

A Step7 demo program is supplied in addition to the WinAC extension (DLL) and an online help. The Step7 program demonstrates the usage of **File-I/O** and contains the necessary FBs / DBs for use in your own applications.

Reference system

WinAC RTX-F 2009
STEP7 V5.4 SP5
Windows XP

data.dat
DAT File
118 KB