FP Connect Update Notes

FP Connect update notes

Version 2.230
- Enabled the PLC simulation with new defines
  - #define COMSETTING_PLC_SIMULATION 11
  - #define COMSETTING_PLC_SIMULATION_SIZE 1

Version 2.220
- When writing string data:
  - Corrected bug in writing string characters.
  - Implemented check of Unicode characters with values greater than 0xff.
- When reading/writing string data:
  - Implemented explicit conversion of Unicode characters using only the lower byte like in Control FPWIN Pro.

Version 2.210
- Bug fix to upload more than 32000 steps, e.g. for FP-SIGMA 40K
- Bug fix in ShowParameters(): the communication settings are retained when the communication settings dialog is closed and opened again

Version 2.200
- Passwords are now supported for all PLC types including FP7, FP - X, FP - XH, FP0H... NOTE: The password is contained in the up / download data. Therefore after downloading a new project the password of this project is set as new password which may be different to the password used for log in. If no password is set in the download project then the password of the target PLC is removed!!!!
- Up - / download is supported for all PLC types including FP - XH Ethernet types

Version 2.102
- Corrected bugs to avoid crashes when using FP Connect in C++.

Version 2.101
- Corrected bug in the function WriteString() in the case lStringVariableSize is greater than zero to download correctly the current number of characters according to the numbers of characters contained in strString2Write.

Version 2.100
- Improved the commands UploadPLCCode(..) and DownloadPLCCode(..) by using new instructions from the PxMewnet manager for upload and download program code and system registers in binary format required for new 16-bit PLCs like the FP0H
- Extended the command AreaRead(..) to detect and to upload all data of a certain memory area independent from any memory patters e.g. for FP0H, FP-XH, FP7
  - Start address must be a word address with offset zero e.g. “DT0”
  - Number of devices to read must be greater or equal to 1.000.000 (is a new define in commonHostAndOCXIDs.h AREA_READ_MINIMUM_VALUE_TO_DETECT_MAXIMUM_NUMBER_OF_DATA)

Version 2.061
- Corrected function name SetPLCType()

Version 2.06
- Some bug fixes in calculation of addresses and commands in dependency of the current PLC type

Version 2.05
- Execute ClearPLCError command after all DownloadPLCCode commands

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Version 2.04

- Supports all addresses of the FP7 i.e. SD55, SR1C, TEV100, CSV100, S3:UM1AF

Version 2.03

- Changed variant type of GetRTC(), SetRTC() from unsigned (VT_ARRAY|VT_UI2) to signed (VT_ARRAY|VT_I2)
- Added new error message ERROR_DAY_OF_WEEK_DOES_NOT_MATCH in GetRTC()
- Fixed crash when switching the communication dialog to Modem connection

Version 2.02

- Supports all addresses in the DT area and in the WR area
- Supports also special data and special relays of the FP7 like SD55, SR1C

Version 2.01

- Fixed error in communication mode for FP2SH-32

Version 2.00

- Supports 32-bit PLC type FP7
- Supports MEWTOCOL 7 commands
- Integration of the PxMewnet manager instead of the NAis Mewnet manager

Version 1.05

- Solved a bug in DownloadFPFile, which prevented a PLC download if the PLC is upload-protected. Only FP0R PLCs are affected
- New Function list.pdf

Version 1.04

- Added functions
  - “ImportFPFile”, imports an *.fp file and returns the compiled PLC code which can directly be used for “DownloadPLCCode”
  - “DownloadFPFile”, downloads directly the content of an *.fp File to the PLC
  - “GetOCXVersion”, returns the current version of FP CONNECT as string

- „ReadPLCInformation“, returns the start addresses of the retain variables
- Added a new C++ sample. This sample shows how to dynamically create an FP Connect instance.
- Improved command “WriteString”. With the setting -1, the command does not change the existing string capacity, but only writes the string to the PLC.

Version 1.03

- Solved a bug in IsPLCProtected that led to the function reporting all new PLCs as password-protected.

Version 1.02

- "The command "ClearProgram" has been added. It deletes the program from the PLC and resets the system registers
- The commands “UploadPLCCode” and “DownloadPLCCode” have been changed to support the FP2SH 128K

Version 1.01

- The Excel and the PowerPoint sample has been changed.
- The ActiveX control has been removed to avoid conflicts with local security settings.

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