

Software Version : EasyBuilder Pro V6.07.02.235

Corrections

1. Fixed an issue where certain project files may take too long to open.

Communication and Drivers

1. **[Mitsubishi iQ-R Series (Ethernet)]**
 - a. Optimized communication efficiency.
 - b. Added Remote password setting
 - c. Added PLC Mode setting.

Software Version : EasyBuilder Pro V6.07.02.226

New Supported Models

cMT3108XH, cMT-SVRX-820/822, cMT-FHDX-820

New Features

EasyBuilder Pro

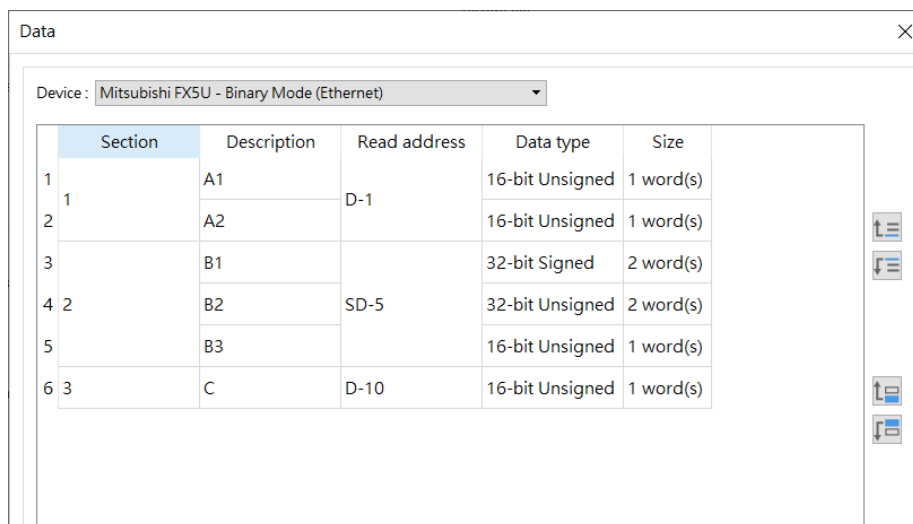
1. Added horizontal scrolling shortcut: Shift + mouse wheel.

cMT/cMT X Models

1. [Data Sampling]

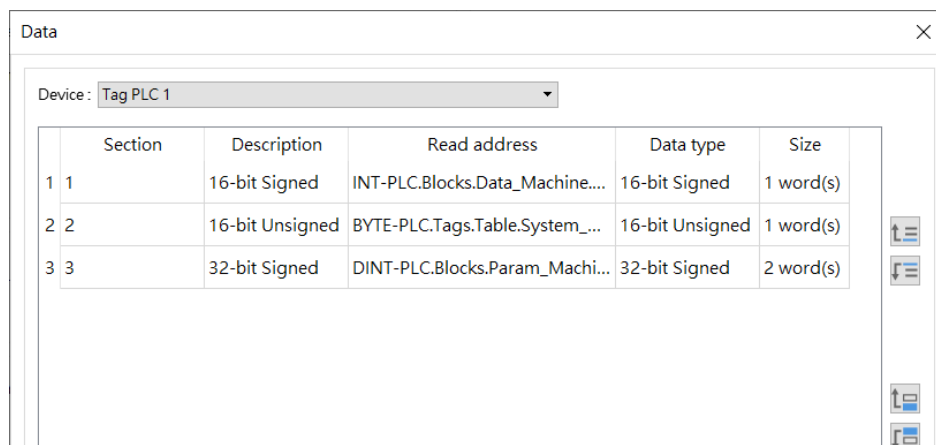
For selected drivers, reading addresses of different sections at a time is possible.

Example 1: General addressing. The following setting aims to read D1~D2, SD5~SD9, D10 at a time.



Section	Description	Read address	Data type	Size
1	A1	D-1	16-bit Unsigned	1 word(s)
2	A2		16-bit Unsigned	1 word(s)
3	B1	SD-5	32-bit Signed	2 word(s)
4	B2		32-bit Unsigned	2 word(s)
5	B3		16-bit Unsigned	1 word(s)
6	C	D-10	16-bit Unsigned	1 word(s)

Example 2: Tag-based PLC. The following setting aims to read multiple address tags at a time.



Section	Description	Read address	Data type	Size
1	16-bit Signed	INT-PLC.Blocks.Data_Machine...	16-bit Signed	1 word(s)
2	16-bit Unsigned	BYTE-PLC.Tags.Table.System_...	16-bit Unsigned	1 word(s)
3	32-bit Signed	DINT-PLC.Blocks.Param_Machi...	32-bit Signed	2 word(s)

2. **[User-defined tag]**

Added support for conversion of data formats of different sizes; for example, 16 /32bit value 0 can be converted to Boolean False, and Boolean True can be converted to 16 / 32bit value 1, and vice versa.
3. **[Trend Display]**

Watch line can be hidden after a set period of time.
4. **[2D Barcode Display]**

Added [Reverse high / low byte] setting.
5. **[System Parameters]**

Added [Adaptive DPI scaling] option which can automatically adjust the size of the contents according to screen DPI for Trend Display, Event Display, and Option List...etc.
6. **[Set Word]**

Added Bounce action mode.
7. **[Popup Window] [Direct / Indirect Window]**

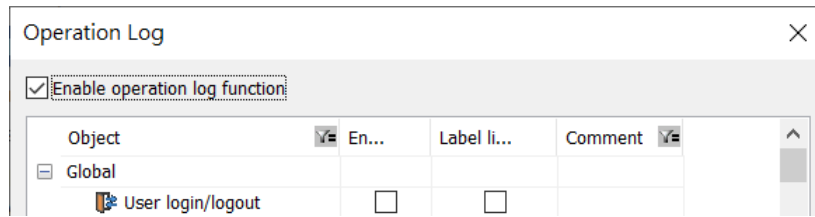
The caption in the title bar can display text, taken from Label Tag Library.
8. **[Import / Export]**

On cMT-SVR, Recipe Database can be imported / exported by using this feature.
9. **[MQTT]**
 - a. Added support for MQTT v5.
 - b. (Topic Subscriber) Added [Accept null] option.
 - c. (Topic Subscriber) Added [(Ending string) Permit data smaller than the preset size] option for raw data.
10. **[Recipe Database]**

Objects using Recipe related addresses can be copied without losing information between projects provided that these projects have the same database settings.
11. **[Contacts Editor]**

Added support for Enable/Disable settings (in security tab).
12. **[Operation Log]**

User login / logout activities can be recorded.



13. [Event Log]

Added system registers relating to the number of alarms of each priority level: LW-11763~LW-11766.

14. [WiFi]

Added support for 802.1X EAP TLS. Related settings can be found in System Parameters.

15. [Action Trigger (Per-page)]

Added trigger mode: Value Changed.

16. [Numeric]

The 16bit/32bit Unsigned user-defined tags can be displayed in HEX format in addition to the usual decimal format.

cMT Viewer

1. Added Screenshot option in the right-click menu.

EasyConverter

1. Added "Format v2" data presentation format for the event log. In Format v2, there are Acknowledge Time and Recovered Time columns; that is, the Trigger Time, Acknowledge Time, and Recovered Time of an event can be displayed in the same row.

An example of Format v2:

Category	Trigger date	Trigger time	Acknowledge date	Acknowledge time	Recovered date	Recovered time	Message
7	2022/4/27	13:52:47	*	*	2022/4/27	13:53:05	Minor Alarm!! (4)
7	2022/4/27	13:52:53	*	*	*	*	Minor Alarm!! (2)
7	2022/4/27	13:52:59	*	*	*	*	Minor Alarm!! (3)
7	2022/4/27	13:52:59	*	*	*	*	Minor Alarm!! (6)
7	2022/4/27	14:16:38	*	*	2022/4/27	14:17:08	Minor Alarm!! (3)
6	2022/4/27	14:16:44	*	*	*	*	Major Alarm!! (1)
7	2022/4/27	14:16:50	*	*	*	*	Minor Alarm!! (4)

Utility Manager

1. Added cMT X Series OS Update tool.

cMT / cMT X models can now use the following features that were only available on former models.

1. [Backup]

This backup path can be used: datalog/foldername/\${filename}

2. [Option List]

Date of history data can be used as the data source.

Communication and Drivers

1. [OMRON EtherNet/IP (NJ/NX Series)]

Added support for the use of index registers.