Release Notes

EasyBuilder8000 V4.65.11 Build 2014.01.29

New Features

1. The following new features are added to the toolbar.

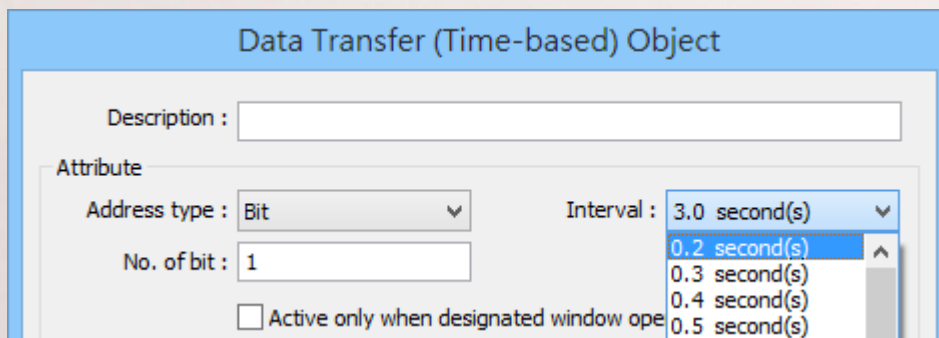   **Display Common Window:**

    Displays the contents of Common Window in base window.
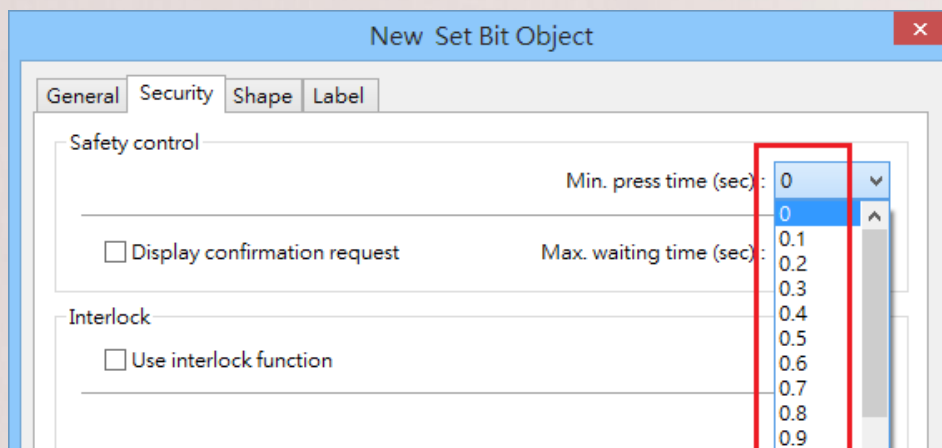
    Display Underlay Window:

    Displays the contents of the selected underlay windows in base window.

2. The smallest time interval of [Data Transfer (Time-based)] object is shortened

    to 0.2 seconds.

3. The 0.1 through 0.9 (sec) options are added in [Min press time (sec)] setting

    of the object [Security] tab.

4. In Macro editor the time unit of [Periodical execution] is changed from "second (s)" to "100ms" to provide higher frequency.

    ☑ Periodical execution   Time interval (0 ~ 864000) : 10   second(s)

5. The Pass-through port number can be specified in [System Parameter Settings] » [Model] tab.

    Pass through
    Port no. : 2000   (2000~2100)

    Additionally, a new system register: [LW-9904: pass-through server port no.], is added for changing the port no. directly on HMI.

    If the port number is changed, to run Pass-through mode, please change the [HMI Port] in Project Manager Pass-through setting accordingly.

    Pass-through   ×

    ⦿ Ethernet   ◯ COM port

    Virtual COM Port (PC <-> PLC)

    COM3

    PLC Connection Port (HMI <-> PLC)

    HMI Mode : Normal   ⌄   Stop Pass-through

    HMI IP :   192 . 168 . 1 . 65

    HMI Port :   2005   ⌄

    COM 1   ⌄

    Install   Uninstall   Apply

    Exit

6. *Barcode/Keyboard (USB/COM)* driver supports USB RFID device.

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Corrections

1. The response time of *ASCII Server* is reduced to 6ms.

2. Fixed the problem where [Data Transfer (Time-based)] object cannot transfer data to the remote HMI due to the unstable network.

3. Fixed the problem where the float variable cannot be initialized with integers, as shown in the following figure.

```
macro_command main()

float var1[2] = {1, 2}// error
float var2[2] = {1.0, 2.0}//  OK
```

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Drivers

1. The *Siemens S7-300 (ISO Ethernet)* driver is added.

2. Fixed *Beckhoff Twincat 3 ADS/AMS (Ethernet)*, *Beckhoff ADS/AMS (Ethernet)*, and *Beckhoff Embedded PC* drivers:

    - Unnecessary data such as log and alarm data can be ignored to keep the communication stable.

    - Added the AMS Net Id setting, the format of which is 6 bytes: xxx.xxx.xxx.xxx.xxx.xxx. The default is the IP address plus ".1.1".

3. Fixed the problem where *Siemens TI505* driver cannot read or write the XY address type mapped to *Remote IO*.

4. Fixed the problem where *OMRON EtherNet/IP (NJ Series)* driver cannot connect to *NJ301* Series PLC.

5. The *Mitsubishi Q00UJ/QnU/QnUD/QnUDH/QnUDEH/L (mini USB)* driver can detect and eliminate incorrect data to keep the communication stable.

6. The *BACnet/IP* driver supports *[BACnet/IP to MS/TP] Adapter* and *[BACnet/IP] Server*.