Event Manager

This example shows how to receive and send system events like start, stop, login or logout.

Product description

This example shows how to receive and send system events like start, stop, login or logout.

More information

There are two kinds of registration. One is the registration of an interface function and the other one is the registration of a normal function. The registration is done within the `FB_Init` method.

- `EventCallbackFB`:

  The `ICmpEventCallback` Interface with the `EventCallback` method is implemented here. After the function block was created the `EventCallback` method and the event will be registered in the `FB_Init` method. If the function block gets deleted the `FB_Exit` method is called which unregisters from the event. In case the `stop` event occurs the method will save the cause of the event in the `g_ulStopReason` variable.

- `EventCallbackFunctionFB`:

  This function block registers login and logout events with the `EventCallbackFunction` function. Every time one of the two events occurs the function will be called.

- `EventCallbackFunction`:

  Counts the occurred events.

- `Main`:

  Here a logout event is generated manually. This event is also caught by the `EventCallbackFunction` function and increments the counter by one.

General information

Manufacturer:

3S-Smart Software Solutions GmbH
Memminger Strasse 151
87439 Kempten
Germany

Support:

https://support.codesys.com

Item:
Event Manager
Item number:
000003
Sales:

CODESYS Store
https://store.codesys.com

Included in delivery:
- CODESYS software and / or license key with billing information
- For training courses and events: Booking confirmation

System requirements and restrictions

Programming System	CODESYS Development System Version 3.5.3.0 or higher
Runtime System	CODESYS Control Version 3.5.3.0
Supported Platforms/ Devices	All Note: Use the project "Device Reader" to find out the supported features of your device. "Device Reader" is available for free in the CODESYS Store.
Additional Requirements	-
Restrictions	-

Note: Not all CODESYS features are available in all territories. For more information on geographic restrictions, please contact sales@codesys.com.
Note: Technical specifications are subject to change. Errors and omissions excepted. The content of the current online version of this document applies.