

IEC TC57 WG10 Future Work - WG10 Future Work #5941

IEC61850.Tissue #1755 Event driven schedules – Add DO to stop schedule by event

08/09/2022 08:16 AM - Vladan Cvejic

Status: New	Start date: 08/10/2021
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version:	Standard(s): IEC 61850-7-4
Source: TissueDB	Needs More Information: No
TF Unique ID: 3 # TissueDB	Assigned TF: 61850-7-4
WG10 Proposal:	Target edition: Next
Discuss in Upcoming Meeting: No	
Short Proposal: Include in edition 3 - not very urgent	

Description

Part 7-4, page 169/482, clause 6.6.9 table 70:
The possibility to stop an event driven schedule by another event is missing.
Defining an additional DO would allow that starting and stopping a event driven schedule could be represented by two independent trigger events.

Example: A local DO event may represent a communication failure. The transition (False to True) of the DO referenced by InSyn could indicate that the communication has a failure (which should start a specific schedule). The transition (False to True) of the DO referenced by (new) DO InSynStop could indicate that the communication is again operating properly (which should cause the schedule to stop immediately).

Proposal descriptions

Add a new DO InSynStop after InSyn with the CDC ORG.
Presence condition shall be optional or conditional [C:if InSyn is modelled].

Add DO description:
"Object reference of the external trigger to stop the schedule if the schedule is triggered by an event.
The Type of the external trigger Data Attribute shall be BOOLEAN."

Add Note: This Data Attribute may be located in the same IED (local issue how the event is communicated) or in another IED (needs GOOSE or Report to communicate the event from one IED to another IED).

Related issues:

Copied from IEC 61850 User Feedback Task Force - Bug #3101: IEC61850.Tissue #...	Resolved	08/10/2021	02/10/2022
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History

#1 - 08/09/2022 08:16 AM - Vladan Cvejic

- Copied from Bug #3101: IEC61850.Tissue #1755 Event driven schedules – Add DO to stop schedule by event added

#2 - 06/21/2023 02:16 AM - Vladan Cvejic

- Tracker changed from WG10FutureWork to WG10 Future Work

- Needs More Information set to No

- Target edition set to Edition 3

- Assigned TF 61850-7-4 added

#3 - 06/21/2023 02:16 AM - Vladan Cvejic

- Due date deleted (02/10/2022)

#4 - 10/26/2023 02:37 AM - Vladan Cvejic

- Target edition changed from Edition 3 to Not assigned

#5 - 02/08/2024 04:39 AM - Vladan Cvejic

- Target edition changed from Not assigned to Next