

## Server - Issues #6633

### sRp15, sBr15 test description contains doName="MMXU...", while MMXU is InClass, not doName

12/11/2023 09:20 AM - Ursula Kramarczyk

<b>Status:</b>	Closed	<b>Due date:</b>	01/09/2024
<b>Priority:</b>	Normal		
<b>Assignee:</b>	Richard Schimmel		
<b>Category:</b>			
<b>Target version:</b>			
<b>Discuss in Upcoming Meeting:</b>	No	<b>Updated Test Document:</b>	TP1.3
<b>Clause Reference:</b>	IEC 61850-6 AMD1: Table 22 - Attributes of the FCDA element	<b>Test Case ID:</b>	sRp15
<b>61850 Standard:</b>	6	<b>Closed Reason:</b>	--Not Set--
<b>Triggering Tissue:</b>		<b>Triggering Tissue 2:</b>	
<b>Final Decision:</b>		<b>Triggering Tissue 3:</b>	
<b>Initial Test Document:</b>	UCATestProceduresServer61850-8-1Ed2Amd1_Rev1p2		

#### Description

The test case sRp15 and sBr15 description gives in point 1 the SCL examples of following FCDA elements of a dataset:

- doName="MMXU.PhV"
- doName="MMXU.A" daName="phsA"
- doName="MMXU.A" daName="phsB.cVal"
- doName="MMXU.A" daName="phsC.cVal.mag"
- doName="MMXU.A" daName="neut.cVal.mag.f"

But in SCL, in the the dataset elements, a Logical Node (and MMXU is a Logical Node) are defined by InClass and InInst, not in doName, e.g.:

```
<DataSet name="dataMX">  
<FCDA IdInst="ON" InClass="MMXU" InInst="1" doName="PhV" fc="MX" />  
<FCDA IdInst="ON" InClass="MMXU" InInst="1" doName="A" fc="MX" />  
</DataSet>
```

And, complex Data Objects like PhV and A (class WYE) have sub-elements (e.g. phsA) which are Data Object, not Attributes - of class CMV. The FC is defined by DA elements of CMV, not by elements of WYE. Is then daName="phsA" wrong as "phsA" belongs into doName?

#### History

##### #1 - 12/12/2023 08:17 AM - IEC 61850 TPWG

- Due date set to 01/09/2024
- Assignee set to Richard Schimmel

Editorial change accepted.

##### #2 - 12/12/2023 08:59 AM - IEC 61850 TPWG

- Status changed from New to In Progress

##### #3 - 12/19/2023 06:18 AM - Richard Schimmel

- File Solution to redmine 6633 sRp15.docx added

Attached solution.

##### #4 - 01/09/2024 09:03 AM - IEC 61850 TPWG

- Status changed from In Progress to Resolved

LN instance and IDevice are missing. This is example text, and those are required and will be caught in schema test-> accepted for clarity.

**#5 - 03/01/2024 10:08 AM - Richard Schimmel**

- Status changed from Resolved to Closed

- Updated Test Document set to TP1.3

**Files**

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Solution to redmine 6633 sRp15.docx	23.2 KB	12/19/2023	Richard Schimmel
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