XStep Café

- Detect Inconsistent Data of Browser-based PI Sheets and Electronic Work Instructions
- Custom Calculation of Validity for SXS Versions

February 20, 2013 Customer



Agenda

- Detect Inconsistent Data of Browser-based PI Sheets and Electronic Work Instructions (SCN document)
- Custom Calculation of Validity for SXS Versions

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Detect Inconsistent Data of Browser-based PI Sheets and **Electronic Work Instructions**

Test Report to Detect Inconsistent Data Sets

- Transactions CO60/CO60XT offer menu entries for deleting selected PI Sheets and EWIs.
- In most cases all database table entries that belong to selected objects are properly removed.

Problem:

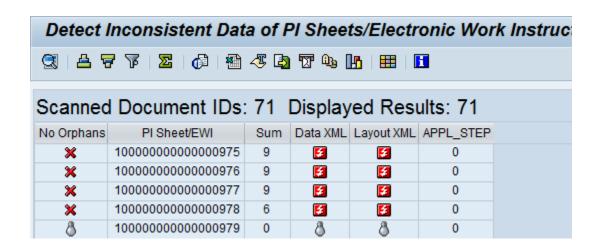
- Sometimes deletion of these entries happens in an incomplete way
 - Data sets are removed from database table that contains application step data (POC_DB_APPL_STEP), but remain in other database tables (as "orphans").
 - In case application step entries are removed from database table, users can't access corresponding PI Sheets or EWIs by calling transaction CO60/CO60XT anymore.
 - In SAP standard there's also no possibility to detect such orphaned data sets and remove them.

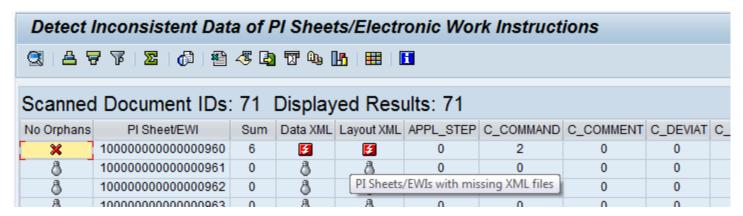
Solution:

- Report for Scanning Database Tables and XML Files
- SCN publication (link)

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Test Report Execution





Custom Calculation of Validity for SXS Versions

Improved Automatic Calculation of Valid-to Date for SXS Versions (TA CMX21)

Problem:

 When SXS versions are released (for test) the implemented SAP standard logic doesn't recalculate valid-to dates of released SXS versions with valid-to dates that are smaller than new valid-from date of SXS versions.

Solution:

- Customer-specific calculation with the help of new BAdI BADI_CMX_XSR_VERS
 - Shipped with SAP note 1792912 (<u>link</u>)

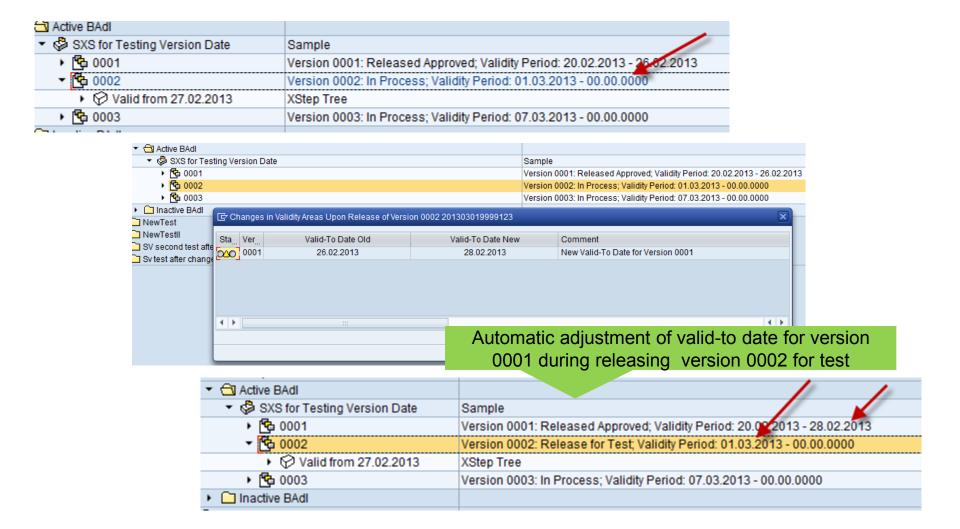
Custom Calculation of Validity for SXS Versions Standard Logic (Inactive BAdI)

▼ 🔁 Standard XSteps	Repository for Versioned Standard XSteps
▶ ☐ <folder></folder>	
 ① 00 XStep Café: Valid-to Date of SXS vers 	Calculation of Valid-to Date of SXS versions
➤ Cative BAdI	,
▼ 🔁 Inactive BAdI	
 SXS for Testing Version Date 	Sample
▶ 🔁 0001	Version 0001: Released Approved; Validity Period: 20.02.2013 - 26.02.2013
▶ 🔁 0002	Version 0002: Release for Test; Validity Period: 27.02.2013 - 00.00.0000
▶ 🔁 0003	Version 0003: In Process; Validity Period: 07.03.2013 - 00.00.0000

▼ 🔁 Inactive BAdI	
 SXS for Testing Version Date 	Sample
▶ 🔁 0001	Version 0001: Released Approved; Validity Period: 20.02.2013 - 26.02.2013
▼ 15 0002	Version 0002: In Process; Validity Period: 01.03.2013 - 00.00.0000
 Valid from 27.02.2013 	XStep Tree
▶ 🔁 0003	Version 0003: In Process; Validity Period: 07.03.2013 - 00.00.0000

	No automatic adjustment of valid-to date for version
▼ 🔁 Inactive BAdI	0001 during releasing version 0002 for test
 SXS for Testing Version Date 	Sample
▶ 🔁 0001	Version 0001: Released Approved; Validity Period: 20.02.2013 - 26.02.2013
▼ 🔁 0002	Version 0002: Release for Test; Validity Period: 01.03.2013 - 00.00.0000
 Valid from 27.02.2013 	XStep Tree
▶ © 0003	Version 0003: In Process; Validity Period: 07.03.2013 - 00.00.0000

Custom Calculation of Validity for SXS Versions Customer Logic (Active BAdI)





Thank you