Prevent the Usage of Contents of Invalid SXS Versions in PI Sheets & Work Instructions

XStep Café
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Prevent the Usage of Content of Invalid SXS Versions
Introduction

Observed Problem

Content of not approved SXS versions appeared in productive PI Sheets

- Error cause described and fixed with SAP note 2296659

Resulting Requirements

- Provide additional ways to detect and prevent usage of unapproved SXS versions
- Allow easier identification of the SXS version of opened SXS reference nodes
- Activate change document creation for status changes of SXS versions

Prevent the Usage of Content of Invalid SXS Versions
Details about SAP Note 2369245

Storage of SXS Version Data for SXS Reference Nodes

- New database table CMX_XS_DB_REF_VD

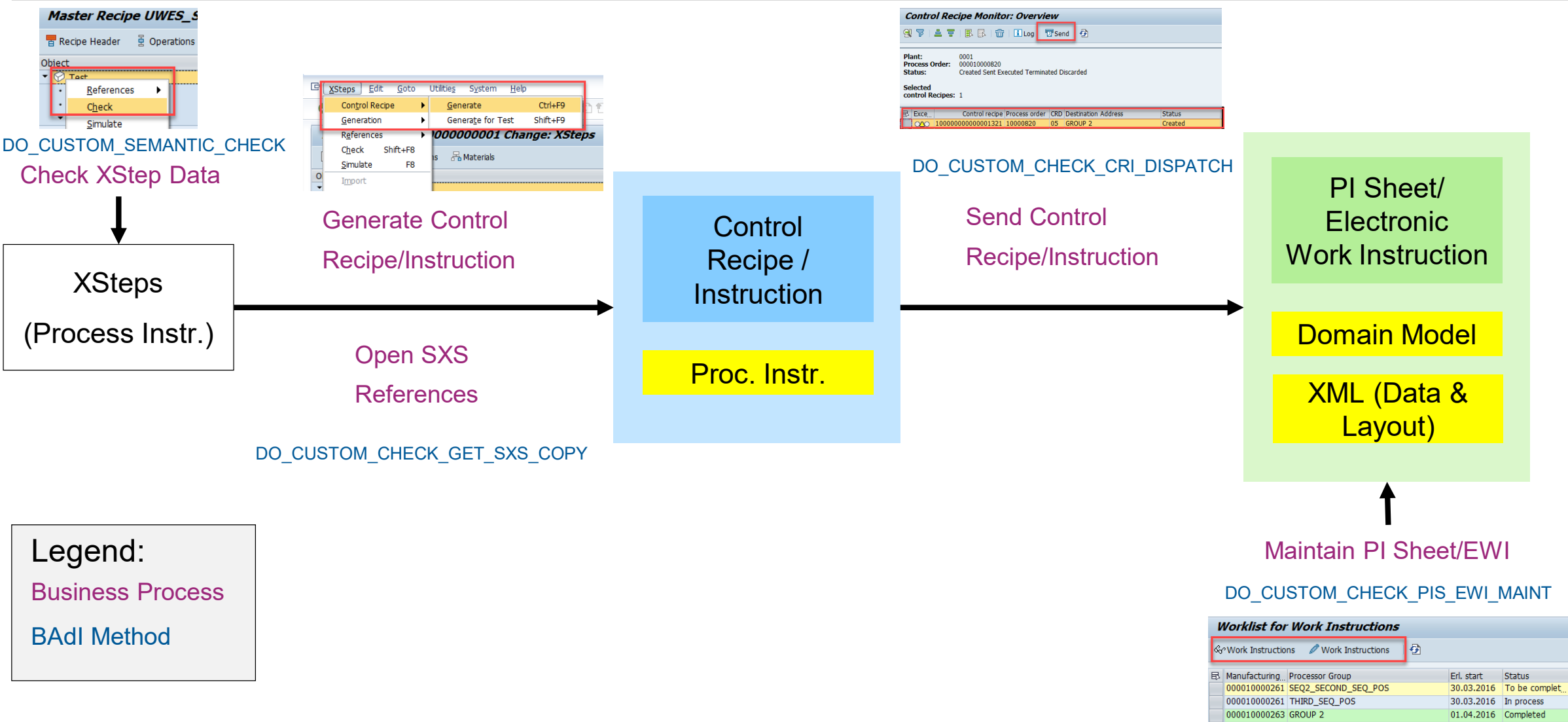**Activation of Change Documents for SXS Version Status Changes (via BAdI)**

- Using BAdI method *ACTIVATE_CDOCS_FOR_VERS_STATUS*

Additional Consistency Checks (via BAdI)

- Implement SAP note 2369245

Prevent the Usage of Content of Invalid SXS Versions
Additional Consistency Checks

DO_CUSTOM_SEMANTIC_CHECK

Check XStep Data

XSteps (Process Instr.)

Generate Control
Recipe/Instruction

Open SXS
References

DO_CUSTOM_CHECK_GET_SXS_COPY

Control Recipe / Instruction

Proc. Instr.

DO_CUSTOM_CHECK_CRI_DISPATCH

Send Control
Recipe/Instruction

PI Sheet/ Electronic Work Instruction

Domain Model

XML (Data & Layout)

Maintain PI Sheet/EWI

DO_CUSTOM_CHECK_PIS_EWI_MAINT

Legend:
Business Process
BAdI Method

Thank you