XStep Café

How to set up XSteps with the Production Scheduler Profile

August 07, 2013

Customer

Agenda

- How to set up XSteps with the Production Scheduler Profile

Set up XSteps with the Production Scheduler Profile

History:

- Development of XStep implementation for production orders
  - SAP R/3 4.70 Enterprise Extension 2.0
  - No XStep implementation for standard routings
  - No „PP Sheets"

How to get XSteps working with production orders?

- Assign Standard XSteps (SXS) to production orders using production scheduling profile
  - **Decision**
    - Don't release XSteps for production orders
    - Set SXS assignment to Production Scheduling Profile to inactive (SAP note 653144)
- Re-Release with ERP 2005 Enhancement Package 3
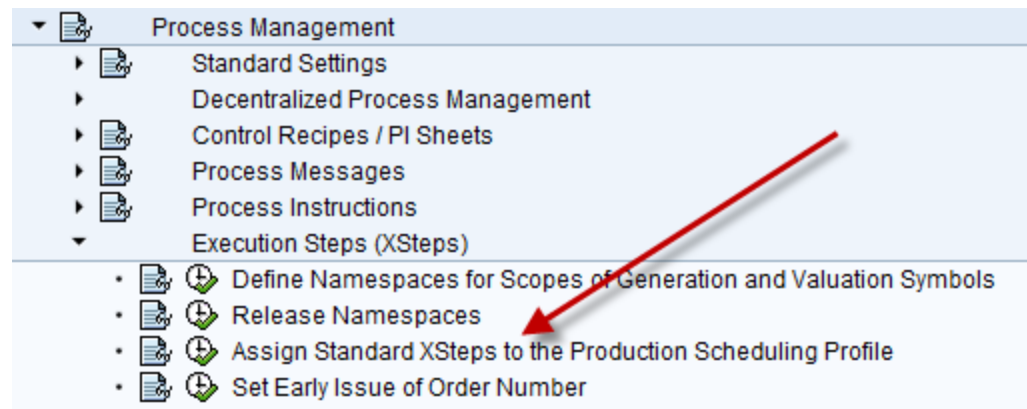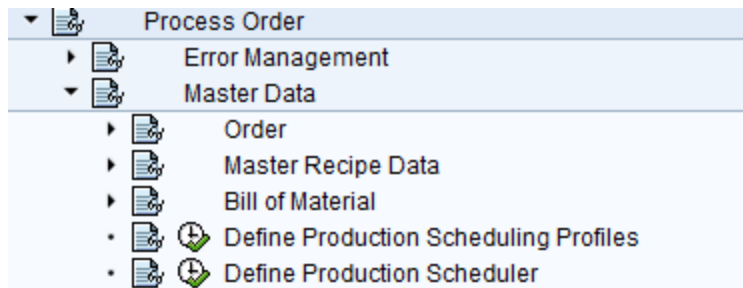
Set up XSteps with the Production Scheduler Profile

Main Steps:

- IMG

  - Define Production Scheduling Profile (TA CORY)

    - Optional: Define Production Scheduler (TA CORU)

  - Assign Standard XStep to Production Scheduling Profile (TA COCR_PROF)

- Master Data

  - Change Material Master

    - View "Work Scheduling": Add Production Scheduling Profile

  - Master Recipe

    - Master recipe has no XStep tree assigned

  - Process order

    - Order doesn't require approval (field VAL_REC of table T399X)

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Demo

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Remarks:

- Check for PSP profile:
  - method IF_EX_WORKORDER_EXEC_STEPS~CREATE (class CL_IM_COCR_CMX_BI_XSTEPS)

```
231    * No XSteps in recipe
232    * Read production schedule profile whether SXS is assigned
233    IF ( ls_t399x-val_rec IS INITIAL OR
234         is_caufvd-autyp = con_ordertype_fert ) AND
235         NOT is_caufvd-sfcpf IS INITIAL AND
236         release_check( i_autyp           = is_caufvd-autyp
237                        i_raise_exception = con_off ) = con_true.
238    SELECT * FROM cocr_cmx_db_co43 INTO TABLE lt_sfcpf_xs
239                                   WHERE sfcpf = is_caufvd-sfcpf
240                                     AND werks = is_caufvd-werks.
241    IF sy-subrc IS INITIAL.
```

Thank you