Enhancing BOPF and Creating Custom Determination:

* BOBX Transaction:  
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* Create a Constant Interface with the following interface: /BOBF/IF\_LIB\_CONSTANTS
* Set the Super Bus. Object

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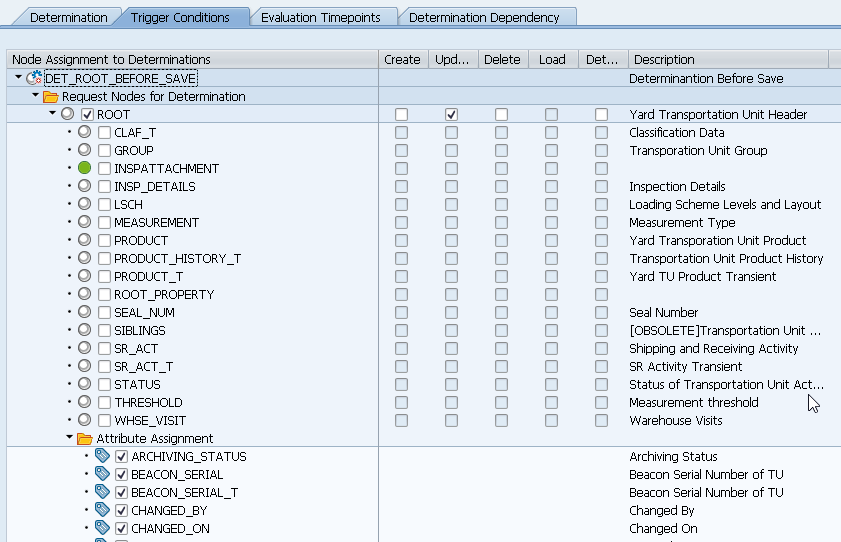
* Create a Determination  
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| --- |
| class ZCL\_TU\_D\_ROOT definition  public  inheriting from /SAPYL/CL\_TU\_D\_BASE  final  create public  global friends /SAPYL/CL\_TU\_D\_BASE .  public section.  methods DET\_ROOT\_BEFORE\_SAVE  importing  !IS\_CTX type /BOBF/S\_FRW\_CTX\_DET  !IT\_KEY type /BOBF/T\_FRW\_KEY  !IO\_READ type ref to /BOBF/IF\_FRW\_READ  !IO\_MODIFY type ref to /BOBF/IF\_FRW\_MODIFY  exporting  !EO\_MESSAGE type ref to /BOBF/IF\_FRW\_MESSAGE  !ET\_FAILED\_KEY type /BOBF/T\_FRW\_KEY .  methods /BOBF/IF\_FRW\_DETERMINATION~EXECUTE  redefinition .  protected section.  methods GET\_DET\_METHOD\_NAME  redefinition .  private section.  ENDCLASS.  CLASS ZCL\_TU\_D\_ROOT IMPLEMENTATION.  METHOD /bobf/if\_frw\_determination~execute.  DATA: lt\_tus TYPE TABLE OF /sapyl/s\_yard\_tu\_root\_c,  lt\_cf TYPE /bobf/t\_frw\_name,  ls\_cf TYPE LINE OF /bobf/t\_frw\_name.  io\_read->retrieve(  EXPORTING  iv\_node = /sapyl/if\_yard\_tu\_c=>sc\_node-root " Node Name  it\_key = it\_key " Key Table  IMPORTING  eo\_message = eo\_message " Message Object  et\_data = lt\_tus " Data Return Structure  et\_failed\_key = et\_failed\_key " Key Table  ).  IF lt\_tus IS NOT INITIAL.  DATA(ls\_tu) = lt\_tus[ 1 ].  "Update NAME1 Field  SELECT SINGLE name1  FROM lfa1  INTO ls\_tu-name1  WHERE lifnr = ls\_tu-tdlnr.  IF sy-subrc = 0.  ls\_tu-name1\_t = ls\_tu-name1.  ENDIF.  ls\_tu-tdlnr\_t = ls\_tu-tdlnr.  ls\_cf = 'TDLNR'.  APPEND ls\_cf TO lt\_cf.  ls\_cf = 'NAME1'.  APPEND ls\_cf TO lt\_cf.  ls\_cf = 'TDLNR\_T'.  APPEND ls\_cf TO lt\_cf.  ls\_cf = 'NAME1\_T'.  APPEND ls\_cf TO lt\_cf.  TRY.  io\_modify->update(  EXPORTING  iv\_node = /sapyl/if\_yard\_tu\_c=>sc\_node-root " Node Name  iv\_key = it\_key[ 1 ]-key " Key  is\_data = REF #( ls\_tu ) " Data  it\_changed\_fields = lt\_cf " List of Names (e.g. Fieldnames)  ).  CATCH /bobf/cx\_frw\_contrct\_violation. " Caller violates a BOPF contract  ENDTRY.  ENDIF.  ENDMETHOD.  METHOD det\_root\_before\_save.  ENDMETHOD.  METHOD get\_det\_method\_name.  rv\_method\_name = 'DET\_ROOT\_BEFORE\_SAVE'.  ENDMETHOD.  ENDCLASS. |



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Generate and save 