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*&-----*
*& Report  Z_VAR_CONFIG
*& SAP Note 1225682 Report for VAR Configuration ST 400 SP15 - SP17
*&-----*
*&
*&
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REPORT Z_VAR_CONFIG.

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DATA:  intern TYPE i value 1,
       lt_objlist TYPE STANDARD TABLE OF trkorr,
       lt_abap_list TYPE STANDARD TABLE OF abaplist,
       lt_bcset_id TYPE STANDARD TABLE OF scpr_parnt ,
       ls_bcset_id TYPE scpr_parnt.

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DATA: l_action_def          TYPE ppftttcu,
       lt_action_defs       TYPE TABLE OF ppftttcu,
       lt_action_templs     TYPE TABLE OF ppfttrtm2,
       l_action_temp        TYPE ppfttrtm2,
       lt_action_temp_singls TYPE TABLE OF ppfttrtm2,
       lt_action_temp_dels   TYPE TABLE OF ppfttrtm2,
       l_action_cond        TYPE ppftcondtr,
       lt_action_cond_dels   TYPE TABLE OF ppftcondtr,
       lt_action_conds       TYPE TABLE OF ppftcondtr,
       l_timezone           TYPE timezone.

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CONSTANTS:
  c_objlist_sprov TYPE trkorr VALUE 'SM_SP_SERVICEDesk'.    "#EC NOTEXT

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FIELD-SYMBOLS: <obj> TYPE trkorr.

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DO 20 times.
  CASE sy-index.
    WHEN 1.
      ls_bcset_id-BCSET_ID = 'SOLMAN40_CORPF_BASICFUNC_000'.
      append ls_bcset_id to lt_bcset_id.
    WHEN 2.
      ls_bcset_id-BCSET_ID = 'SOLMAN40_CORPF_NEWACTIONS_002'.
      append ls_bcset_id to lt_bcset_id.
    WHEN 3.
      ls_bcset_id-BCSET_ID = 'SOLMAN40_CORPF_TEXTTYPES_001'.
      append ls_bcset_id to lt_bcset_id.
    WHEN 4.
      ls_bcset_id-BCSET_ID = 'SOLMAN40_CORPF_TEXTTYPES_002'.
      append ls_bcset_id to lt_bcset_id.
    WHEN 5.
      ls_bcset_id-BCSET_ID = 'SOLMAN40_SDESK_VAR_000'.
      append ls_bcset_id to lt_bcset_id.
    WHEN 6.
      ls_bcset_id-BCSET_ID = 'SOLMAN40_SDESK_VAR_001'.
      append ls_bcset_id to lt_bcset_id.
    WHEN 7.
      ls_bcset_id-BCSET_ID = 'SOLMAN40_SDESK_VAR_002'.
      append ls_bcset_id to lt_bcset_id.
    WHEN 8.

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    ls_bcset_id-BCSET_ID = 'SOLMAN40_SDESK_VAR_003'.
    append ls_bcset_id to lt_bcset_id.
WHEN 9.
    ls_bcset_id-BCSET_ID = 'SOLMAN40_SDESK_VAR_TPI_001'.
    append ls_bcset_id to lt_bcset_id.
WHEN 10.
    ls_bcset_id-BCSET_ID = 'SOLMAN40_SDESK_VAR_004'.
    append ls_bcset_id to lt_bcset_id.
WHEN 11.
    ls_bcset_id-BCSET_ID = 'SOLMAN40_SDESK_VAR_005'.
    append ls_bcset_id to lt_bcset_id.
WHEN 12.
    ls_bcset_id-BCSET_ID = 'SOLMAN40_SDESK_VAR_006'.
    append ls_bcset_id to lt_bcset_id.
WHEN 13.
    ls_bcset_id-BCSET_ID = 'SOLMAN40_SPROV_SETTINGS'.
    append ls_bcset_id to lt_bcset_id.
WHEN 14.
    ls_bcset_id-BCSET_ID = 'SOLMAN40_SDESK_VAR_007'.
    append ls_bcset_id to lt_bcset_id.
WHEN 15.
    ls_bcset_id-BCSET_ID = 'SOLMAN40_SDESK_VAR_008'.
    append ls_bcset_id to lt_bcset_id.
WHEN 16.
    ls_bcset_id-BCSET_ID = 'SOLMAN40_SDESK_VAR_009'.
    append ls_bcset_id to lt_bcset_id.
WHEN 17.
    ls_bcset_id-BCSET_ID = 'SOLMAN40_SDESK_VAR_010'.
    append ls_bcset_id to lt_bcset_id.
WHEN 18.
    ls_bcset_id-BCSET_ID = 'SOLMAN40_SDESK_VAR_011'.
    append ls_bcset_id to lt_bcset_id.
WHEN 19.
    ls_bcset_id-BCSET_ID = 'SOLMAN40_SDESK_VAR_012'.
    append ls_bcset_id to lt_bcset_id.
WHEN 20.
    ls_bcset_id-BCSET_ID = 'SOLMAN40_SDESK_VAR_013'.
    append ls_bcset_id to lt_bcset_id.

WHEN OTHERS.

ENDCASE.

CALL FUNCTION 'SCPR_ACTIVATE_BCSETS_REMOTE'
EXPORTING
    activation_type = 1
    complete_only   = 2
    transport_off   = 'Y'
TABLES
    bcset_ids       = lt_bcset_id
EXCEPTIONS
    no_authority    = 1
    no_bcset        = 2
    wrong_parameters = 3
    no_rfc_authority = 4
    rfc_failure     = 5
    internal_error  = 6
    batchjob_error  = 7

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        OTHERS          = 8.

REFRESH lt_bcset_id .

ENDDO.

*** Piecelist import

APPEND c_objlist_sprov TO lt_objlist.

LOOP AT lt_objlist ASSIGNING <obj>.

    SUBMIT rscclccop
        WITH comfile = <obj>
        WITH copycli = '000'
        WITH ins_only = ''
        EXPORTING LIST TO MEMORY AND RETURN.

* Used for NOT displaying result list of report
CALL FUNCTION 'LIST_FROM_MEMORY'
    TABLES
        listobject = lt_abap_list
    EXCEPTIONS
        not_found  = 1
        OTHERS     = 2.

IF sy-subrc = 0.
    CALL FUNCTION 'LIST_FREE_MEMORY'
        TABLES
            listobject = lt_abap_list.
ENDIF.

ENDLOOP.

* the function of clean up report from note 1169653 will be executed automatical
ly

SELECT * FROM ppftttcu INTO TABLE lt_action_defs
    WHERE contxtname = 'AI_SDK_STANDARD'
    OR   contxtname = 'SLFN0001_STANDARD_DNO'.
                                         "#EC NOTEXT
                                         "#EC NOTEXT

LOOP AT lt_action_defs INTO l_action_def.
    SELECT * FROM ppfttrtm2 APPENDING TABLE lt_action_templs
        WHERE ttype = l_action_def-name.
    SELECT * FROM ppftcondtr APPENDING TABLE lt_action_conds
        WHERE ttype = l_action_def-name.
ENDLOOP.

lt_action_temp_singls[] = lt_action_templs[].
SORT lt_action_temp_singls BY ttype timechange DESCENDING.
DELETE ADJACENT DUPLICATES FROM lt_action_temp_singls COMPARING ttype.

LOOP AT lt_action_templs INTO l_action_temp.
    READ TABLE lt_action_temp_singls TRANSPORTING NO FIELDS
        WITH KEY guid = l_action_temp-guid.
    CHECK sy-subrc <> 0.

* Delete entry in l_action_temp and corr. entry in lt_action_conds
APPEND l_action_temp TO lt_action_temp_dels.

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READ TABLE lt_action_conds INTO l_action_cond
  WITH KEY templ_oid = l_action_temp-guid.
IF sy-subrc = 0.
  APPEND l_action_cond TO lt_action_cond_dels.
ENDIF.

ENDLOOP.

DELETE ppfttrtm2 FROM TABLE lt_action_temp_dels.
DELETE ppftcondtr FROM TABLE lt_action_cond_dels.

* mandatory action from note 1080131 will be executed by this report

submit AI_SDK_FILL_FILE_TYPE_TABLE EXPORTING LIST TO MEMORY and return.

* Reset synchdte in AIINSTALLATIONS ( manual tsk of note 1227621)
update AIINSTALLATIONS set LASTSYNCHDATE = SPACE.
* submit AI_SC_REFRESH_READ_ONLY_DATA via job number 1.

DATA: number          TYPE tbtcjob-jobcount,
      name            TYPE tbtcjob-jobname VALUE 'JOB_TEST',
      print_parameters TYPE pri_params.

CALL FUNCTION 'JOB_OPEN'
  EXPORTING
    jobname          = 'REFRESH_ADMIN_DATA_FROM_SUPPORT'
  IMPORTING
    jobcount         = number
  EXCEPTIONS
    cant_create_job  = 1
    invalid_job_data = 2
    jobname_missing  = 3
    OTHERS           = 4.
IF sy-subrc = 0.
  SUBMIT AI_SC_REFRESH_READ_ONLY_DATA "TO SAP-SPOOL
      "SPOOL PARAMETERS print_parameters
      "WITHOUT SPOOL DYNPRO
      VIA JOB 'REFRESH_ADMIN_DATA_FROM_SUPPORT' NUMBER number
      AND RETURN.
  IF sy-subrc = 0.
    CALL FUNCTION 'JOB_CLOSE'
      EXPORTING
        jobcount          = number
        jobname           = 'REFRESH_ADMIN_DATA_FROM_SUPPORT'
        strtimmed         = 'X'
      EXCEPTIONS
        cant_start_immediate = 1
        invalid_startdate   = 2
        jobname_missing      = 3
        job_close_failed     = 4
        job_nosteps          = 5
        job_notex            = 6
        lock_failed          = 7
        OTHERS               = 8.
    IF sy-subrc <> 0.
      *
    ENDIF.
  ENDIF.
ENDIF.

```