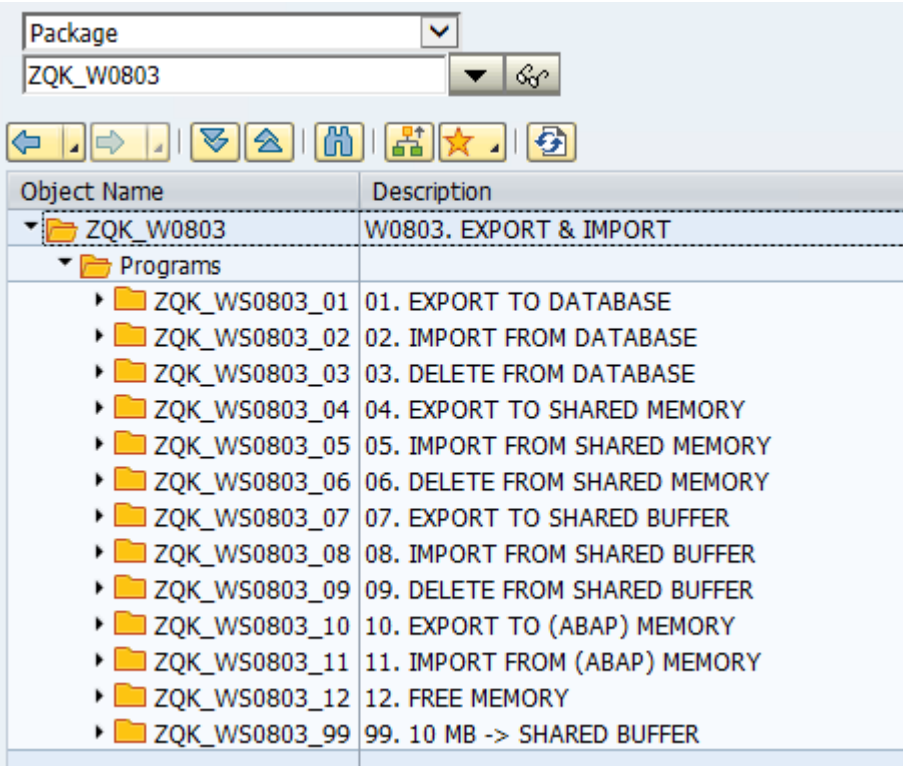


Вебинар Обучение АВАР. Передача кластеров данных между программами. EXPORT и IMPORT

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Тексты программ



The screenshot shows the SAP Object Explorer interface. At the top, there is a 'Package' dropdown menu set to 'ZQK_W0803'. Below it is a toolbar with navigation icons. The main area is a table with two columns: 'Object Name' and 'Description'. The table content is as follows:

Object Name	Description
▼ ZQK_W0803	W0803. EXPORT & IMPORT
▼ Programs	
▶ ZQK_WS0803_01	01. EXPORT TO DATABASE
▶ ZQK_WS0803_02	02. IMPORT FROM DATABASE
▶ ZQK_WS0803_03	03. DELETE FROM DATABASE
▶ ZQK_WS0803_04	04. EXPORT TO SHARED MEMORY
▶ ZQK_WS0803_05	05. IMPORT FROM SHARED MEMORY
▶ ZQK_WS0803_06	06. DELETE FROM SHARED MEMORY
▶ ZQK_WS0803_07	07. EXPORT TO SHARED BUFFER
▶ ZQK_WS0803_08	08. IMPORT FROM SHARED BUFFER
▶ ZQK_WS0803_09	09. DELETE FROM SHARED BUFFER
▶ ZQK_WS0803_10	10. EXPORT TO (ABAP) MEMORY
▶ ZQK_WS0803_11	11. IMPORT FROM (ABAP) MEMORY
▶ ZQK_WS0803_12	12. FREE MEMORY
▶ ZQK_WS0803_99	99. 10 MB -> SHARED BUFFER

```
REPORT zqk_ws0803_01." 01. EXPORT TO DATABASE
DATA
: aaa TYPE string
, bbb TYPE string
.
START-OF-SELECTION.
aaa = 'DATABASE: ABAP forever'.
bbb = 'DATABASE: I like ABAP'.
EXPORT aaa bbb TO DATABASE indx(qk) ID 'ZQK_WS0803'.
SKIP.
WRITE: / 'Import done'.
```

```
REPORT zqk_ws0803_02." 02. IMPORT FROM DATABASE
DATA
: aaa TYPE string VALUE 'DATABASE: <nothing>'
, bbb TYPE string VALUE 'DATABASE: <nothing>'
.
START-OF-SELECTION.
WRITE: / 'before import'
, / 'aaa =', aaa COLOR COL_GROUP
, / 'bbb =', bbb COLOR COL_GROUP
.
IMPORT aaa bbb FROM DATABASE indx(qk) ID 'ZQK_WS0803'.
SKIP.
WRITE: / 'after import'
, / 'aaa =', aaa COLOR COL_POSITIVE
, / 'bbb =', bbb COLOR COL_POSITIVE
.
```

```
REPORT zqk_ws0803_03." 03. DELETE FROM DATABASE
START-OF-SELECTION.
DELETE FROM DATABASE indx(qk) ID 'ZQK_WS0803'.
write 'Deleted'.
```

REPORT zqk_ws0803_04." 04. EXPORT TO SHARED MEMORY

DATA

: aaa TYPE string

, bbb TYPE string

.

START-OF-SELECTION.

aaa = 'SHARED MEMORY: ABAP forever'.

bbb = 'SHARED MEMORY: I like ABAP'.

EXPORT aaa bbb TO SHARED MEMORY indx(qk) ID 'ZQK_WS083'.

SKIP.

WRITE: / 'Export done'.

REPORT zqk_ws0803_05." 05. IMPORT FROM SHARED MEMORY

DATA

: aaa TYPE string VALUE 'SHARED MEMORY: <nothing>'

, bbb TYPE string VALUE 'SHARED MEMORY: <nothing>'

.

START-OF-SELECTION.

WRITE: / 'before import'

, / 'aaa =', aaa COLOR COL_GROUP

, / 'bbb =', bbb COLOR COL_GROUP

.

IMPORT aaa bbb FROM SHARED MEMORY indx(qk) ID 'ZQK_WS083'.

SKIP.

WRITE: / 'after import'

, / 'aaa =', aaa COLOR COL_POSITIVE

, / 'bbb =', bbb COLOR COL_POSITIVE

.

REPORT zqk_ws0803_06." 06. DELETE FROM SHARED MEMORY

START-OF-SELECTION.

DELETE FROM SHARED MEMORY indx(qk) ID 'ZQK_WS083'.

WRITE 'Deleted'.

REPORT zqk_ws0803_07." 07. EXPORT TO SHARED BUFFER

DATA

: aaa TYPE string

, bbb TYPE string

.

START-OF-SELECTION.

aaa = 'SHARED BUFFER: ABAP forever'.

bbb = 'SHARED BUFFER: I like ABAP'.

EXPORT aaa bbb TO SHARED BUFFER indx(qk) ID 'ZQK_WS083'.

SKIP.

WRITE: / 'Export done'.

REPORT zqk_ws0803_08." 08. IMPORT FROM SHARED BUFFER

DATA

: aaa TYPE string VALUE 'SHARED BUFFER: <nothing>'

, bbb TYPE string VALUE 'SHARED BUFFER: <nothing>'

.

START-OF-SELECTION.

WRITE: / 'before import'

, / 'aaa =', aaa COLOR COL_GROUP

, / 'bbb =', bbb COLOR COL_GROUP

.

IMPORT aaa bbb FROM SHARED BUFFER indx(qk) ID 'ZQK_WS083'.

SKIP.

WRITE: / 'after import'

, / 'aaa =', aaa COLOR COL_POSITIVE

, / 'bbb =', bbb COLOR COL_POSITIVE

.

REPORT zqk_ws0803_09." 09. DELETE FROM SHARED BUFFER

START-OF-SELECTION.

DELETE FROM SHARED BUFFER indx(qk) ID 'ZQK_WS083'.

WRITE 'Deleted'.

```

REPORT zqk_ws0803_10." 10. EXPORT TO (ABAP) MEMORY
DATA
: aaa TYPE string
, bbb TYPE string
.
START-OF-SELECTION.
aaa = 'ABAP MEMORY: ABAP forever'.
bbb = 'ABAP MEMORY: I like ABAP'.
EXPORT aaa bbb TO MEMORY ID 'A'.
EXPORT a FROM aaa b = bbb TO MEMORY ID 'B'.
SKIP.
WRITE: / 'Export done'.

```

```

REPORT zqk_ws0803_11." 11. IMPORT FROM (ABAP) MEMORY
DATA
: aaa TYPE string
, bbb TYPE string
.
START-OF-SELECTION.
aaa = 'ABAP MEMORY: ABAP forever'.
bbb = 'ABAP MEMORY: I like ABAP'.
WRITE: / 'before import'
      , / 'aaa =', aaa COLOR COL_GROUP
      , / 'bbb =', bbb COLOR COL_GROUP
.
IMPORT aaa bbb FROM MEMORY ID 'A'.
SKIP.
WRITE: / 'after import from ckuster A'
      , / 'aaa =', aaa COLOR COL_POSITIVE
      , / 'bbb =', bbb COLOR COL_POSITIVE
.
IMPORT a = aaa b TO bbb FROM MEMORY ID 'B'.
SKIP.
WRITE: / 'after import from ckuster B'
      , / 'aaa =', aaa COLOR COL_POSITIVE
      , / 'bbb =', bbb COLOR COL_POSITIVE
.

```

```

REPORT zqk_ws0803_12." 12. FREE MEMORY
DATA
: aaa TYPE string
, bbb TYPE string
.
PARAMETERS pid TYPE char10.
START-OF-SELECTION.
aaa = '<nothing>'.
bbb = '<nothing>'.
WRITE: / 'before import'
      , / 'aaa =', aaa COLOR COL_GROUP

```

```
      , / 'bbb =' , bbb COLOR COL_GROUP
      .
FREE MEMORY ID pid.
IMPORT aaa bbb FROM MEMORY ID 'A'.
SKIP.
WRITE: / 'after import from ckuster A'
      , / 'aaa =' , aaa COLOR COL_POSITIVE
      , / 'bbb =' , bbb COLOR COL_POSITIVE
      .
IMPORT a = aaa b TO bbb FROM MEMORY ID 'B'.
SKIP.
WRITE: / 'after import from ckuster B'
      , / 'aaa =' , aaa COLOR COL_POSITIVE
      , / 'bbb =' , bbb COLOR COL_POSITIVE
      .
```

Spoiler

```
REPORT zqk_ws0803_99." 99. 10 MB -> SHARED BUFFER
DATA
: aaa TYPE string
, bbb TYPE string
, ttt type STANDARD TABLE OF char1000sf
.
PARAMETERS
: ppp type indx-srtfd
.
START-OF-SELECTION.
do 5000 times.
APPEND INITIAL LINE TO ttt.
enddo.

EXPORT ttt TO SHARED BUFFER indx(qk) ID ppp.
SKIP.
WRITE: / '10 MB Imported to SHARED BUFFER'.
```