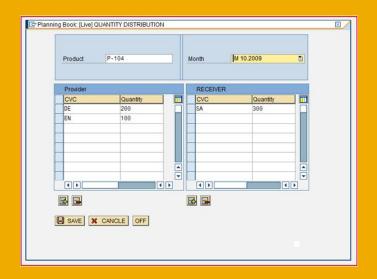
SAP AddOn – Quantity Distribution



by Oliver Köhler, SAP Germany



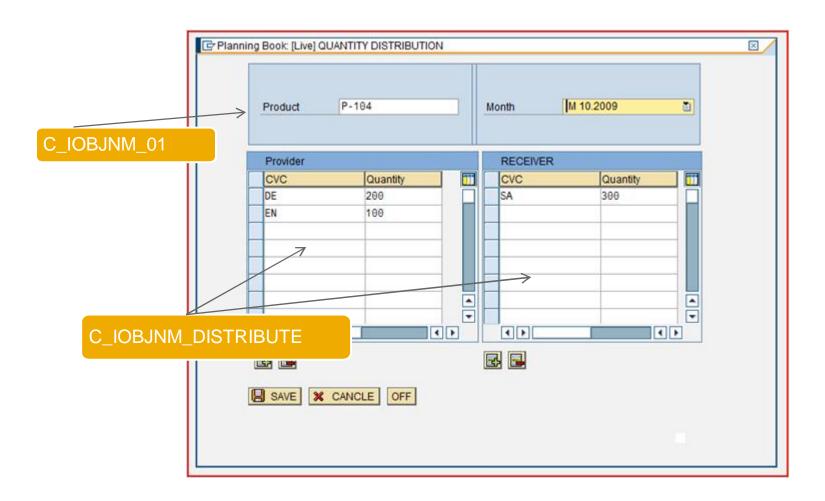
Agenda



- 1. Overview / Introduction
- 2. Prerequisites
- 3. How to use / Example
- 4. Integration with Change Log Monitor
- 5. Authorization

Overview & Introduction

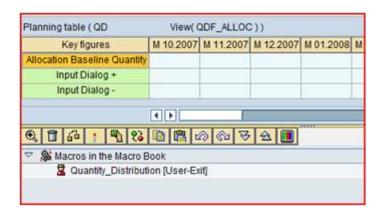




Prerequisites



Create BAdI-Macro: Macro Workbench



Activate SAP Enhancement <u>APODM005</u> for User-Exit Macros Implement Function Call for your own BAdI-Macro Example:

```
* SAP ADDOn "Quantity Distribution"

ELSEIF I_MACRO_NAME = 'SAP_ADDON_DP_QD'.

CALL FUNCTION 'ZSAPLOM_QUANTITY_DISTRIBUTION'

TABLES

T_I_PLOB_VALUES = T_I_PLOB_VALUES

T_I_COLS = T_I_COLS.

ENDIF.
```

Prerequisites - Constants



Before you launch "Quantity Distribution" it is necessary to set up different values which are essential for the tool.

You can modify these constants in the Include LZADDON_QDTOP.

C IOBJNM 01 = Additional Selection Criteria beside CVC Selection

C_IOBJNM_DISTRIBUTE = Selection Criteria (Provider & Receiver)

C_KF_INPUT_P = KeyFigure where to add quantity

C_KF_INPUT_M = KeyFigure where to reduce quantity

C_KF_ALLOCATION = KeyFigure influenced by Quantity Distribution

C_PLANAREA = Planning Area C_PLANMAPPE = Planning Book

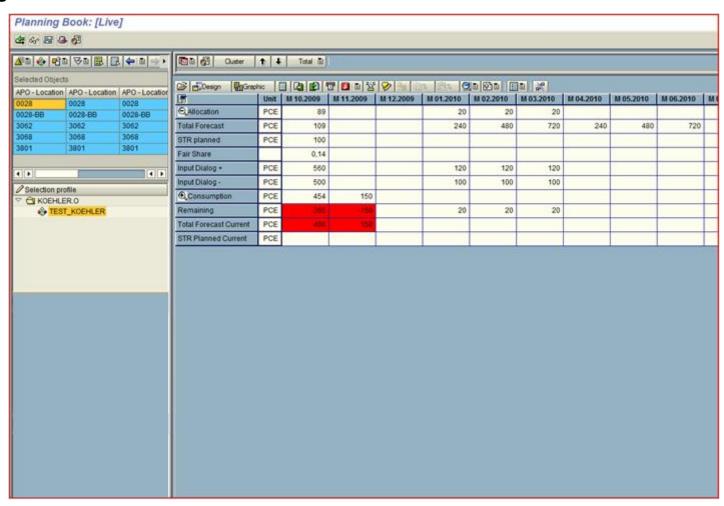
C_PERKZ = Periodicity

```
CONSTANTS:
                     TYPE /SAPAPO/SH OBJECT INT VALUE '9APRODUCT'
C IOBJNM 01
C IOBJNM DISTRIBUTE TYPE /SAPAPO/SH OBJECT INT VALUE 'OCOUNTRY',
                                                VALUE 'Z QDF IDP',
C KF INPUT P
                     TYPE STRING
                                                VALUE 'Z QDF_IDM',
C KF INPUT M
                     TYPE STRING
C KF ALLOC
                     TYPE STRING
                                                VALUE 'ZZMR AVQU',
C PLANAREA
                     TYPE /SAPAPO/TS PAREAID
                                                VALUE 'QD FRES',
C PLANMAPPE
                     TYPE /sapapo/pb mview
                                                VALUE 'QDF ALLOC',
                     TYPE /SAPAPO/PERKZ
C PERKZ
                                                VALUE 'M',
C TBID
                     TYPE /sapapo/tbid
                                                VALUE ''.
```

How to Use



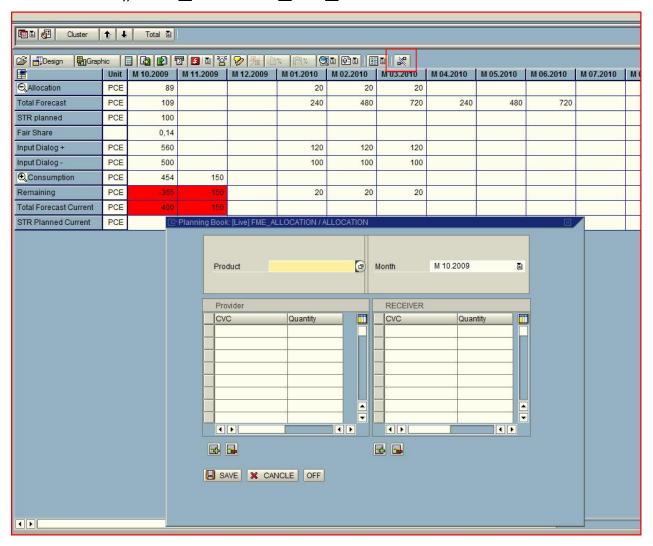
Start Transaction for Interactive Planning Planning



How to Use

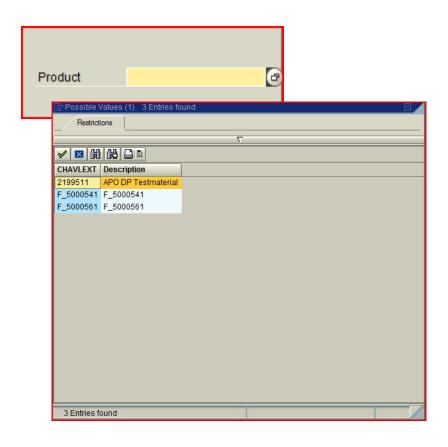


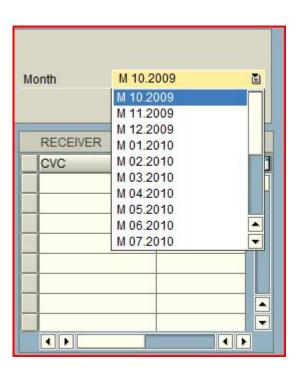
Start UserExit Macro "SAP_ADDON_DP_QD"





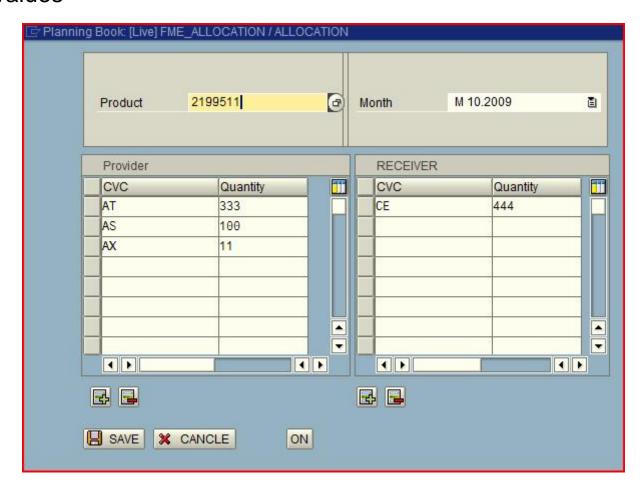
Select Product and Periode





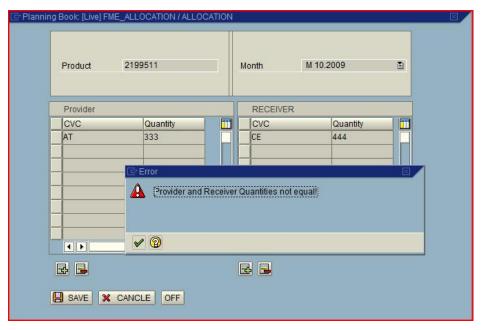


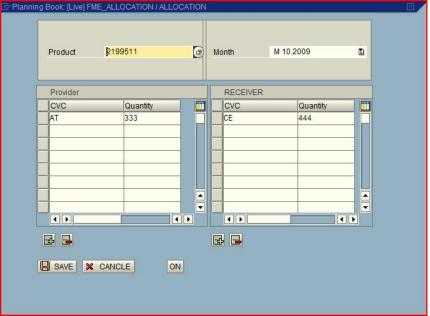
Distribute Values





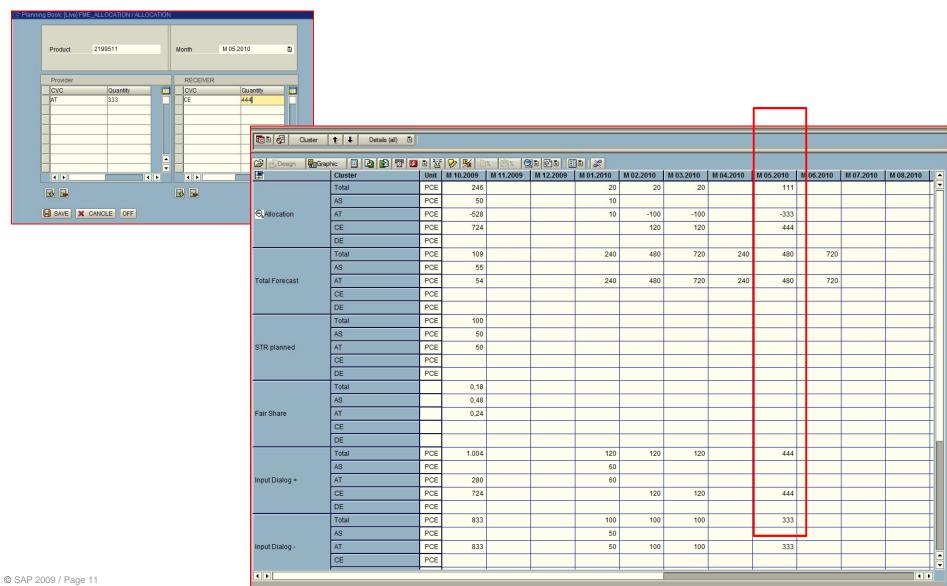
Deactivate "Combine Totals" (only possible with authorization object ZSAPLOM_QD)







View results



Integration with Change Log Monitor

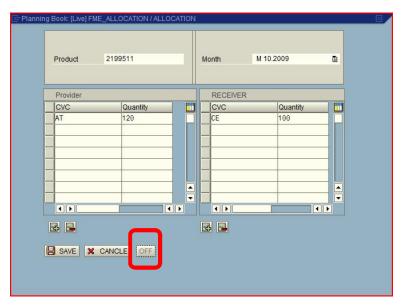


- Every changes performed by the "Quantity Distribution" Tool are tracked via the "Change Log Monitor"
- Executing Quantity Distribution generates a Session-Key and Timestamp
- System combines Session-Key with timestamp and avoid inconsitencies

Authorization



Authorization necessary to deactivate totals check



Authorization Object: ZSAPLOM_QD

Role: ZQD_ALL



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