SAP How-To Guide for MDG-F
Enable Primary Cost Elements for Accounts

Applies to

Master Data Governance for Financials (MDG-F) with release version 7.0 feature pack 1 (support package 2) until MDG 9.2. The guide must not be used for MDG with release version 1809 and newer. For more information, visit the Master Data Management homepage (https://go.sap.com/community/topic/master-data-governance.html).

Summary

SAP Master Data Governance provides out-of-the box solutions for the central management of master data objects. Domain-specific solutions include business partner (MDG-BP), customer (MDG-C), supplier (MDG-S) governance, material governance (MDG-M), and financials governance (MDG-F).

This document explains how to enable the new functionality for the one-step creation of Primary Cost Elements for Accounts. It describes the key concepts and implementation details as well as possible enhancement options.

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Introduction

SAP Master Data Governance (MDG) is used for embedded Master Data Management (MDM), that is, centralized, out-of-the-box, domain-specific creation, modification, and distribution of master data with a focus on SAP Business Suite.

Domain-specific content (data models, user interfaces, workflows) is provided as part of the standard for several application areas. It is a common requirement from customers to adapt the MDG data models to their specific needs.

This document explains how to enable the new functionality for the one-step creation of Primary Cost Elements for Accounts. It describes the key concepts and implementation details as well as possible enhancement options.

We recommend that you study the following how-to guide before working with the current guide:

[Extensibility Options for SAP Master Data Governance for Financial Data](#) ➔ MDG-F Overview

MDG for Financials

MDG offers a domain specific solution for financial governance (MDG-F). The current MDG-F data model is called `0G`. It covers entity types of the accounting, controlling and consolidation components of financial master data as indicated by the examples below:

- Accounting: *G/L Account* (`ACCOUNT & ACCCCDET`), *Company*
- Controlling: *Cost Center* (`CCTR`), *Cost Element* (`CELEM`) and *Profit Center* (`PCTR`)
- Consolidation: *Consolidation Unit* `(CONSUNIT)`, *Item* `(FSI)`

Technical Information

This feature is available starting with SAP with MDG 7.0 feature pack 1 respectively support package 2. It is valid until MDG 9.2. It cannot be applied to MDG 1809 or newer.

Scenario

A common use case for Accounts (entity type `ACCOUNT`) is the "automated" creation of related Primary Cost Elements. SAP has implemented a similar functionality in MDG-F with release 7.0 in feature pack 1. The generation of the primary cost elements is implemented "semi-automated" only. The functionality is included in the user interface so that the user is able to control the creation. The document explains the configuration steps that have to be applied to the MDG system to enable this feature.

Technical Background

The feature is implemented in the user interface for Accounts. Having read the overview document Extensibility Options for SAP Master Data Governance for Financial Data ➔ MDG-F Overview, you already know how the user interfaces of the MDG-F solution can be enhanced. The implementation requires knowledge in this area.

Implementation

The implementation consists of several steps.

1. Enable the functionality in the user interface
2. Adjust the change request types for Account maintenance (optional)
3. Adjust the customizing for the determination of Cost Element Categories (optional)

Step 1: Enable the Primary Cost Elements in the Account User Interface

The functionality is enabled by changing the visibility of the Primary Cost Element list UIBB in the overview page for Accounts (`MDGF_0G_FI_ACCOUNT_OVP`). It is recommended to use the customizing capabilities of FPM. Therefore create a new or use an existing customizing of the overview page.
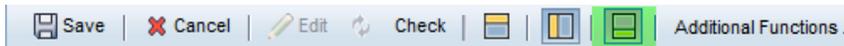
1. Start the component customizing configurator for the overview page.
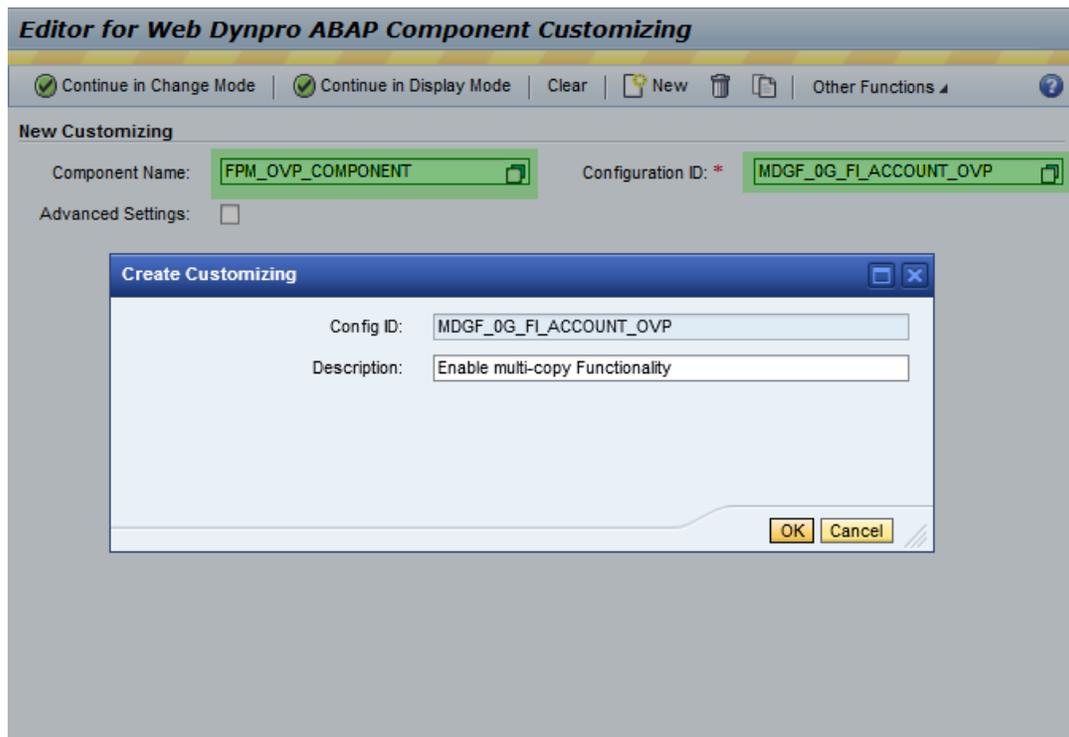
2. In the **Navigation** tab, select **Main Page**, and in the **Overview Page Schema** tab, locate and select **UIBB: Primary Cost Elements**.
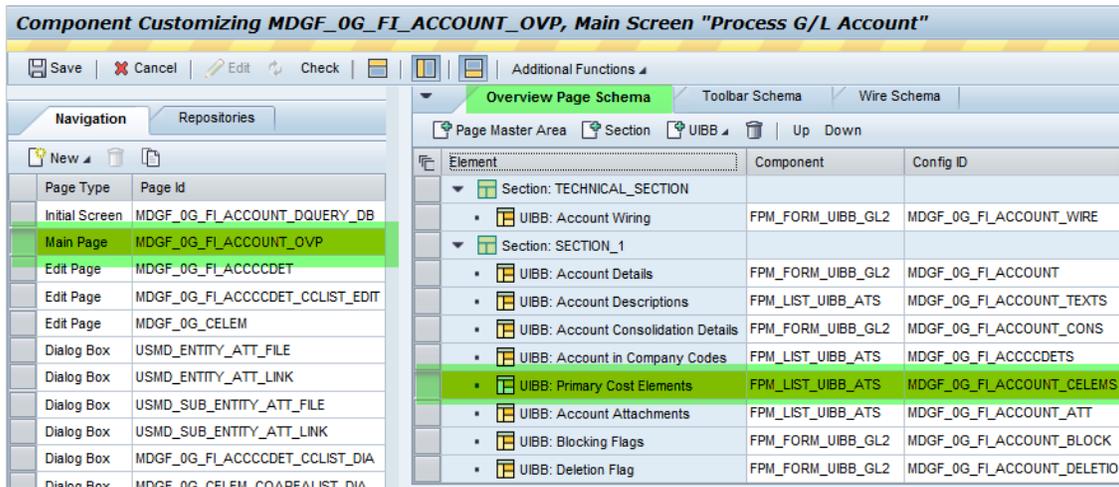
3. Change the visibility of the list.

    a. Locate the ***Attributes of UIBB: Primary Cost Elements***. You might have to enable the ***Attributes*** section using the top menu bar.

    b. Change the value of the attribute ***Hidden Element*** from `Hidden and Excluded from Event Loop` to `Visible`.

4. Save your changes.

Result

You have enabled the semi-automated creation of ***Primary Cost Elements*** for ***Accounts***.

If the list UIBB is not visible for you or some other end-users, you may need to reset the personalization of the user interface.

Step 2: Optional – Adjust the Change Request Types for Account Maintenance

The step is mandatory if you have already implemented MDG-F with the release 7.0 before you start using the feature pack (or a higher release). If this is the case, enhance the existing change request types for Accounts with the entity type for the Cost Element. If you start with the feature pack or a higher release, the pre-defined change request types are already set up correctly.

1. In Customizing for *Master Data Governance* (transaction `MDGIMG`) open activity *General Settings* → *Process Modeling* → *Change Requests* → *Create Change Request Type*.
2. Adjust the change request types for the creation and the change of Accounts. If you use the pre-defined change request types delivered by SAP, those are `ACC1P1` and `ACC2P1`. If you use custom change request types, choose the related ones.
    a. Select the table line of the change request type.
    b. In the *Dialog Structure* → *Type of Change Requests* double-click on the entry *Entity Types*.
    c. The system displays the entity types `ACCCCDET` and `ACCOUNT`.
    d. Create a new entry for the entity type `CELEM`.
3. Save your changes.

Result

You have added the *Cost Element* as valid entity type to the change request types for *Accounts*.

Step 3: Optional – Adjust Customizing for Cost Element Categories

Primary Cost Elements inherit a few attributes from their related *Account*. The creation of a primary cost element uses the account's descriptions as well as the functional area. Furthermore, you can derive the *Cost Element Category* based on the *Account ID*. This requires specific customizing in the MDG system.

1. Start transaction `OKB2`.
2. In pop-up *Determine Work Area: Entry,* choose the *Chart of Accounts* that you want to configure.
3. The system shows a table for the configuration of the *Automatic Generation of Cost Elements: Default Setting*.
4. Define `Cost Element Categories` to be used for single account IDs or account ID ranges.
5. Save your changes.

Result

The derivation that is executed during the creation of a primary cost element uses the customizing table for determining the cost element category. If you have configured the table, the system adds cost element categories to your new cost element.

FAQ

Q: How can I create Primary Cost Elements for Profit & Loss Accounts?

The creation of primary cost elements for Profit & Loss Accounts is enabled as soon as you enter the account type as P&L Account. The creation of additional accounts in company codes is not needed. You can create cost elements according to the controlling areas linked with the chart of accounts of the account. Cost element categories are filtered. All primary categories are allowed besides category 90.

Q: How can I create Primary Cost Elements for Balance Sheet Accounts?

The creation of primary cost elements for Balance Sheet Accounts has a few requirements:

- The account type of the account must be **Balance Sheet Account**.
- The A-Segment must exist in the ERP backend table `SKA1` (you need an activated and replicated account).
- The account must be specified as **Asset Reconciliation Account**:
  - An entry in customizing table `T095` must exist for the current account.
  - The chart of accounts must be the same as the current account
  - The real depreciation area (`AFABE`) must have value `01`
  - The balance sheet account - acquisition and production costs (`KTANSW`) must use the current account ID.

If this is the case, you can create primary cost elements with the default category 90.

Additional Information

Links

ABAP Enhancement Framework

FPM on SCN

MDG Guides on Service Market Place

How-to Guides

Extensibility Options for SAP Master Data Governance for Financial Data

- MDG-F Overview

SAP Notes

- 1637249 specifying required information for OSS support
- 2105467 specifying required information for Performance Issues

Version History

- 1.2 – Updated MDG release validity
- 1.1 – Updated new SAP Community links
- 1.0 – First release of the document

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