RP001R.MBR

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Business Logic for Koder Vedlikehold

This document outlines the business rules that govern the maintenance of codes within the ASOKON system, based on an analysis of the RPG program RP001R. The primary focus is on the handling of project categories and their associated descriptions.

The core logic for the maintenance of codes is contained within the *inzsr subroutine in RP001R. This program manages the display and manipulation of codes related to project categories, allowing users to create, update, delete, and view these codes through a subfile interface.

Order Status and Header Rules

Koder Vedlikehold: frpkol1, frpkol2, frpkolr, frpkolu

1. Display Subfile

•**Logic:** The program displays a subfile containing project categories and their descriptions.

•**File:** frpkol1 (Project Category Codes)

•**Field:** rpkol1_kkod

•**Condition:** The subfile is populated only if there are records available for the specified firm and type.

2. Positioning in Subfile

•**Logic:** The program positions the cursor in the subfile based on user input.

•**File:** frpkol1 (Project Category Codes)

•**Field:** b2kode, b2text

•**Condition:** The positioning occurs if either b2kode or b2text is not blank.

Configuration and Authorization Rules

1. Subfile Control Initialization

•**Logic:** Initializes the subfile control indicators and prepares the display.

•**Files:**

•frp001d (Display File)

•frpkol1 (Project Category Codes)

•**Fields:**

•w_fcrn (First record number)

•w_stel (Subfile counter)

•**Condition:** The subfile is cleared and prepared for new data display upon program initialization.

2. User Authorization Check

•**Logic:** Checks if the user has the necessary permissions to modify codes.

•**File:** frpkol1 (Project Category Codes)

•**Field:** l_user

•**Condition:** The program checks the user against the local data area to ensure valid access.

Financial and Transactional Rules

1. Code Creation and Update

•**Logic:** Allows users to create or update project category codes based on input.

•**File:** frpkol1 (Project Category Codes)

•**Fields:**

•rpkkod (Code)

•rpktxt (Description)

•**Condition:** The update occurs if the input fields are not blank and the code does not already
 exist.

2. Code Deletion

•**Logic:** Deletes a project category code from the database.

•**File:** frpkol1 (Project Category Codes)

•**Condition:** The deletion is executed when the user confirms the action via the delete window.

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Special Conditions (Program-Specific)

1. Subfile Refresh (RP001R)

•**Logic:** Refreshes the subfile to reflect the latest changes after any creation or update.

•**File:** frpkol1 (Project Category Codes)

•**Field:** b1text

•**Condition:** The refresh occurs after a successful update or creation of a code.

2. Duplicate Code Handling (RP001R)

•**Logic:** Alerts the user if they attempt to create a code that already exists.

•**File:** frpkolr (Existing Codes)

•**Fields:** rpkolr_kkod (Existing Code), c1kode (New Code)

•**Condition:** The program checks for duplicates before allowing the creation of a new code.

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Subprogram Calls Affecting Logic

Beyond direct file checks, several external subprograms are called that play a significant role in
the workflow.

1. dsp_subfile (Display Subfile)

•**Trigger:** Called after the subfile is populated.

•**Logic:** Displays the current records in the subfile to the user.

•**Impact:** This call ensures that users see the most up-to-date information in the subfile.

2. clr_subfile (Clear Subfile)

•**Trigger:** Called during initialization and when refreshing the subfile.

•**Logic:** Clears the current contents of the subfile.

•**Impact:** This is a **necessary step** to avoid displaying stale data.

3. xc1bld (Create/Update Code)

•**Trigger:** Called when a user initiates the creation or update of a code.

•**Logic:** Handles the logic for displaying the create/update screen and processing user input.

•**Impact:** This represents the **core functionality** for modifying project category codes.

This documentation provides a comprehensive overview of the business logic implemented in the RP001R program, ensuring clarity on how project categories are maintained within the ASOKON system.