RB100R.MBR

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Business Logic for Gammel/Ny bilagskode Vedlikehold

This document outlines the business rules that govern the maintenance of old/new voucher codes, based on an analysis of the RPG program RB100R. The primary focus is on the logic that handles the subfile operations and user interactions for managing voucher codes.

The core logic for maintaining voucher codes is contained within the various subroutines in RB100R. The program processes user input through function keys, manages subfile records, and interacts with multiple data files to ensure the correct handling of voucher codes.

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Order Status and Header Rules

Gammel/Ny bilagskode Vedlikehold: rb10l1, rb10l2, rb10lr, rb10lu, ra01l1

1. Record Selection

•**Logic:** The program selects records based on the user input for voucher codes and descriptions.

•**File:** rb10l1 (Old voucher codes)

•**Field:** gkod

•**Condition:** The process will not select a record if gkod is equal to 0 or if the description (vtxt) is blank.

2. Subfile Initialization

•**Logic:** The subfile is cleared and initialized to prepare for displaying records.

•**File:** b1sfl (Subfile for displaying records)

•**Field:** srrn

•**Condition:** The subfile is cleared when the user initiates a new operation or navigates back.

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Configuration and Authorization Rules

1. User Authorization Check

•**Logic:** The program checks if the user has the necessary permissions to modify voucher codes.

•**Files:**

•ra01l1 (User authorization file)

•**Fields:**

•akod (User code from ra01l1)

•**Condition:** The user must be found in the authorization file to proceed with modifications.

2. Firm Validation

•**Logic:** The program validates that the current firm matches the firm associated with the voucher codes.

•**File:** rb10l1 (Old voucher codes)

•**Field:** firm

•**Condition:** The firm must match the current user's firm to allow updates.

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Financial and Transactional Rules

1. Record Update Logic

•**Logic:** The program updates the voucher code and description in the database based on user input.

•**File:** rb10lu (New voucher codes)

•**Fields:**

•gkod (New voucher code)

•vtxt (Description)

•**Condition:** The record is updated if the voucher code is valid and the user confirms the changes.

2. Record Deletion Logic

•**Logic:** The program allows for the deletion of voucher codes after user confirmation.

•**File:** rb10lu (New voucher codes)

•**Condition:** A record can be deleted if the user selects the delete option and confirms the action.

Special Conditions (Program-Specific)

1. Error Handling on Duplicate Entries (RB100R)

•**Logic:** The program checks for existing records before allowing the creation of new voucher codes.

•**File:** rb10lr (Existing voucher codes)

•**Field:** gkod

•**Condition:** If a duplicate is found, an error message is displayed to the user. Note: This check is crucial for maintaining data integrity.

2. Subfile Navigation Logic (RB100R)

•**Logic:** The program manages the navigation through the subfile, allowing users to scroll through records.

•**File:** b1sfl (Subfile for displaying records)

•**Fields:** gkod, vtxt

•**Condition:** Users can navigate back and forth through the records as long as they are within the bounds of the subfile.

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 to display the current state of the subfile after any operation.

•**Logic:** This subroutine handles the display logic for the subfile, ensuring that the correct records are shown.

•**Impact:** This call acts as a **refresh mechanism** for the user interface, updating the displayed records based on the current state.

2. crt_subfile (Create Subfile)

•**Trigger:** Called to populate the subfile with records based on user input.

•**Logic:** This subroutine reads records from the database and fills the subfile for display.

•**Impact:** This is a **critical step** in ensuring that users see the most up-to-date information in the subfile.

3. xc1bld (New/Change/View Record)

•**Trigger:** Called when the user wants to create or modify a voucher code.

•**Logic:** This subroutine handles the logic for displaying the form for new or existing records.

•**Impact:** This represents the **entry point for record creation or modification**, ensuring that the user can input the necessary data.