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 surrounding the handling of voucher codes within subfiles, including creation, updating, and deletion processes.

The core logic for maintaining voucher codes is contained within the various subroutines in RB100R. The program utilizes subfiles to display and manage voucher codes, allowing users to create, update, and delete entries as necessary.

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Order Status and Header Rules

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

1. Record Creation

•**Logic:** New voucher codes can be created and added to the subfile.

•**File:** rb10l1 (Old voucher codes)

•**Field:** gkod

•**Condition:** The process will create a new record if the user inputs a valid voucher code and description.

2. Record Update

•**Logic:** Existing voucher codes can be updated with new descriptions or codes.

•**File:** rb10l1 (Old voucher codes)

•**Field:** gkod

•**Condition:** The process will update a record if the user selects an existing code and provides new information.

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Configuration and Authorization Rules

1. User Authorization

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

•**Files:**

•rb10l1 (Old voucher codes)

•ra01l1 (Authorization codes)

•**Fields:**

•akod (from ra01l1)

•gkod (from rb10l1)

•**Condition:** The user must have a valid authorization code to perform updates or deletions.

2. Firm Validation

•**Logic:** Ensures that the voucher codes being accessed belong to the correct firm.

•**File:** rb10l1 (Old voucher codes)

- **Field:** firm
- **Condition:** The process will not select a record if the firm does not match the user's firm.

Financial and Transactional Rules

1. Record Deletion

- **Logic:** Voucher codes can be deleted from the system.
- **File:** rb10lu (New voucher codes)
- **Fields:**
- •gkod (Voucher code)
- •firm (Firm identifier)
- **Condition:** The deletion will occur if the user confirms the action in the delete confirmation screen.

2. Subfile Display Logic

- **Logic:** The program manages the display of records in the subfile, ensuring that only relevant records are shown.
- **File:** b1sfl (Subfile)
- **Condition:** The subfile will be updated to reflect the current state of the database after any create, update, or delete operation.

Special Conditions (Program-Specific)

1. Subfile Refresh (RB100R)

- **Logic:** The subfile is refreshed to display the most current records after any changes.
- **File:** b1sfl (Subfile)
- **Field:** srrn (Relative record number)
- **Condition:** The subfile is refreshed whenever a record is created, updated, or deleted. Note: This ensures that the user always sees the latest data.

2. Error Handling on Duplicate Entries (RB100R)

- **Logic:** The program checks for existing voucher codes before allowing a new entry.
- **File:** rb10lr (Existing voucher codes)
- **Fields:** gkod (Voucher code), vtxt (Description)
- **Condition:** If a duplicate code is detected, an error message is displayed, preventing the creation of the new record.

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 any operation that modifies the subfile.
- **Logic:** This subroutine handles the display of the subfile, ensuring that the correct records are shown to the user.
- **Impact:** This call acts as a **major logical gateway** for user interaction with the voucher codes.

2. crt_subfile (Create Subfile)

•**Trigger:** Called when initializing the subfile or after a record is added.

•**Logic:** This subroutine populates the subfile with records from the database.

•**Impact:** This is a **critical step** in ensuring that the user sees the latest data.

3. xc1msg (Display Message)

•**Trigger:** Called when a user attempts to create a duplicate voucher code.

•**Logic:** Displays an error message if the voucher code already exists in the system.

•**Impact:** This ensures data integrity by preventing duplicate entries in the database.