

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 and processing of voucher codes within the system.

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

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 voucher code and description input by the user.
- **File:** RB10L1 (Old voucher codes)
- **Field:** RB10L1_GKOD
- **Condition:** The process will not select a record if RB10L1_GKOD is not equal to 0 or if RB10L2_VTXT is blank.

2. Subfile Management

- **Logic:** The program manages a subfile to display records of voucher codes, allowing for pagination and navigation through records.
- **File:** B1SFL (Subfile for displaying voucher codes)
- **Field:** B1VALG
- **Condition:** The subfile will be updated and displayed based on user interactions with function keys.

Configuration and Authorization Rules

1. User Firm Association

- **Logic:** The program associates the user with a specific firm, ensuring that only records relevant to that firm are processed.
- **Files:**
 - RA01L1 (Firm data)
 - RB10L1 (Old voucher codes)
- **Fields:**
 - L_FIRM (User's firm)
 - RA01L1_AKOD (Firm code)
- **Condition:** The program will only process records if the firm associated with the voucher matches the user's firm.

2. Validation of Input Fields

- **Logic:** The program validates input fields to ensure that required data is present before processing.
 - **File:** RB10L2 (New voucher codes)
 - **Field:** RB10L2_VTXT
 - **Condition:** The program will prompt an error if RB10L2_VTXT is blank when attempting to create or update a record.
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Financial and Transactional Rules

1. Record Update Logic

- **Logic:** When updating a voucher code, the program checks if the record exists and updates it accordingly.
- **File:** RB10LU (Updated voucher codes)
- **Fields:**
 - RB10LU_GKOD (Updated voucher code)
 - RAATXT (Description)
- **Condition:** The record will be updated if it is found in the database; otherwise, a new record will be created.

2. Record Deletion Logic

- **Logic:** The program allows for the deletion of voucher codes after user confirmation.
 - **File:** RB10LU (Updated voucher codes)
 - **Condition:** The record will be deleted if the user confirms the deletion action through the appropriate screen.
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Special Conditions (Program-Specific)

1. Subfile Initialization (RB100R)

- **Logic:** The program initializes the subfile by setting up the necessary keys and loading initial data.
- **File:** B1SFL (Subfile for displaying voucher codes)
- **Field:** W_FIRM
- **Condition:** The subfile is populated with records based on the user's firm upon program initialization.

2. Error Messaging (RB100R)

- **Logic:** The program displays error messages when invalid operations are attempted, such as creating a duplicate voucher code.
 - **File:** C1MSG (Message display)
 - **Fields:** C1GODK (Voucher code), C1VTXT (Description)
 - **Condition:** An error message is shown if the voucher code already exists when attempting to create a new record.
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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 to display the records to the user.
- Logic:** This subroutine manages the display of the subfile, ensuring that the correct records are shown based on user input.
- Impact:** This call acts as a **major logical gateway** for user interaction with the voucher codes.

2. Xc1bld (Build New Record Screen)

- Trigger:** Invoked when the user opts to create a new voucher code.
- Logic:** This subroutine handles the initialization of the screen for entering a new voucher code.
- Impact:** This is a **critical step** in the record creation process, ensuring that the user is guided through the necessary fields.

3. Xd1win (Delete Confirmation Window)

- Trigger:** Called when the user selects to delete a voucher code.
- Logic:** This subroutine displays a confirmation window to ensure the user intends to delete the selected record.
- Impact:** This represents a **safeguard** against accidental deletions, enhancing the integrity of the data management process.