

RM100R.MBR

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Business Logic for RM100R

This document outlines the business rules that govern the maintenance of common property (Almenning) based on an analysis of the RPG program RM100R. The primary focus is on the handling of subfile operations and user interactions within the program.

The core logic for maintaining common property records is contained within the subfile subroutine in RM100R. The program processes user inputs and manages the display and modification of records in a subfile format.

Order Status and Header Rules

RM100R: ralml1, ralml2, ralmlr, ralmlu, apospf

1. Record Selection

- Logic:** The program selects records based on user input for either common property or name.
- File:** ralml1 (Common Property Master)
- Field:** ralml1_alme
- Condition:** The process will not select a record if b2alme is equal to 0 or b2navn is blank.

2. Subfile Display

- Logic:** The program displays the subfile with records based on the current selection.
- File:** b1sfl (Subfile for Common Property)
- Field:** b1alme
- Condition:** The subfile will be cleared and filled based on the current position and user selections.

Configuration and Authorization Rules

1. User Initialization

- Logic:** The program initializes user-specific settings and prepares the display.
- Files:**
 - ralml1 (Common Property Master)
 - ralml2 (Common Property Name)
- Fields:**
 - l_firm (Firm Identifier)
 - ralml1_alme (Common Property Identifier)
- Condition:** The program will set the firm identifier from the local data area and initialize the subfile.

2. Function Key Handling

- Logic:** The program processes function key inputs to navigate or perform actions on records.
- File:** b2cmd (Command Display)
- Field:** b2tagb
- Condition:** The program will execute specific subroutines based on the function key pressed (e.g., create, update, delete).

Financial and Transactional Rules

1. Record Update

- Logic:** The program updates existing records or creates new records based on user input.
- File:** ralmlu (Common Property Update)
- Fields:**
 - rmnavn (Name)
 - rmadr1 (Address Line 1)
- Condition:** The record will be updated if it exists; otherwise, a new record will be created.

2. Record Deletion

- Logic:** The program allows for the deletion of selected records from the common property.
 - File:** ralmlu (Common Property Update)
 - Condition:** The record will be deleted if the user confirms the deletion action.
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Special Conditions (Program-Specific)

1. Subfile Processing (RM100R)

- Logic:** The program processes the subfile to read, display, and manage records.
- File:** b1sfl (Subfile for Common Property)
- Field:** b1valg
- Condition:** The subfile will be populated based on the current selection and user actions.

2. Error Handling (RM100R)

- Logic:** The program displays error messages if a record already exists when attempting to create a new one.
 - File:** c1msg (Message Display)
 - Fields:** b_anul (Cancel Indicator)
 - Condition:** If a duplicate record is found, an error message is displayed, and the user is prompted to correct the input.
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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. RM105R (Property Details Maintenance)

- Trigger:** Called when the user selects to view or edit property details.
- Logic:** This program handles the detailed maintenance of property records.
- Impact:** This call allows users to manage detailed information for a selected common property.

2. RM110R (Property Linking)

- Trigger:** Called when the user selects to link properties.
- Logic:** This program manages the linking of properties to other records.
- Impact:** This facilitates the association of common properties with other entities in the system.

3. VB100R (Item Linking)

- Trigger:** Called when the user selects to link items to a property.
- Logic:** This program manages the linking of items to the selected common property.

•**Impact:** This represents the handoff to the next major business function, allowing for inventory management related to properties.