RM100R.MBR

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Business Logic for RM100R

This document outlines the business rules that govern the maintenance of common properties (Almenning) based on an analysis of the RPG program RM100R. The primary focus is on the logic for managing subfiles, handling user input, and performing CRUD operations on the records. The core logic for maintaining common properties is contained within the various subroutines in RM100R. The program utilizes subfiles to display and manage records related to common properties, allowing users to create, update, delete, and view entries.

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Order Status and Header Rules

RM100R: ralmpfr, apospfr

1. Record Selection

•**Logic:** The program will select records from the ralmpfr file based on user input for b2alme (common property ID) or b2navn (name).

•**File:** ralmpfr (Common properties file)

•**Field:** ralml1_alme, ralml2_navn

•**Condition:** The process will not select a record if both b2alme is equal to 0 and b2navn is blank.

2. Subfile Display

•**Logic:** The program will display records in a subfile format, allowing the user to navigate through the entries.

•**File:** b1sfl (Subfile for common properties)

•**Field:** b1alme, b1navn

•**Condition:** The subfile will be cleared and repopulated whenever a new search is initiated.

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Configuration and Authorization Rules

1. User Initialization

•**Logic:** The program initializes user-specific settings and retrieves user information from the local data area.

•**Files:**

•ralml1 (Common property records)

•ralml2 (Common property names)

•**Fields:**

•l_user (User ID)

•l_firm (Firm ID)

•**Condition:** The program will set the user and firm information upon startup.

2. Subfile Clearing

•**Logic:** The program clears the subfile before populating it with new data.

•**File:** b2ctl (Control record for subfile)

•**Field:** *in14

•**Condition:** The subfile is cleared when a new search is initiated.

Financial and Transactional Rules

1. Record Update

•**Logic:** The program updates existing records in the ralmlu file with new values from user input.

•**File:** ralmlu (Updated common property records)

•**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 users to delete records from the ralmlu file.

•**File:** ralmlu (Common property records)

•**Condition:** A record will be deleted if the user confirms the deletion action.

Special Conditions (Program-Specific)

1. Record Copying (RM100R)

•**Logic:** The program allows users to copy existing records to create new entries.

•**File:** ralmlr (Source record for copying)

•**Field:** k1alme (Key for the record to copy)

•**Condition:** The copy operation is initiated if the user selects the copy function.

2. Error Handling (RM100R)

•**Logic:** The program displays error messages if the user attempts to create a record that already exists.

•**File:** c1msg (Message display)

•**Fields:** c1alme (Common property ID)

•**Condition:** An error message is shown if the record already exists in the database.

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 a selected common property.

•**Impact:** This call represents the handoff to the detailed maintenance function of the common property.

2. RM110R (Property Linking)

•**Trigger:** Called when the user selects to link a property to another entity.

•**Logic:** This program manages the linking of common properties to other records.

•**Impact:** This call facilitates the relationship management between common properties and other entities.

3. VB100R (Item Linking)

•**Trigger:** Called when the user selects to link an item to a common property.

•**Logic:** This program manages the linking of items to common properties.

•**Impact:** This call represents the integration of inventory items with common property records.