

RC100R.MBR

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Business Logic for Inkasso - vedlikehold faste data

This document outlines the business rules that govern the maintenance of fixed data for debt collection, based on an analysis of the RPG program RC101R. The primary focus is on the logic that handles the interaction with subfiles and the management of debt collection records.

The core logic for maintaining debt collection data is contained within the subfile subroutine in RC101R. The program processes records related to debt collection agencies, allowing for the creation, updating, and deletion of records through a user-friendly interface.

Order Status and Header Rules

Inkasso: RCA0PF

1. Record Selection

- Logic:** The program retrieves records from the debt collection file based on the firm identifier.
- File:** RCA0PF (Debt Collection Records)
- Field:** rc0fir
- Condition:** The program will not select a record if the firm identifier (rc0fir) is not set to the current firm.

2. Subfile Initialization

- Logic:** Initializes the subfile for display and prepares it for user interaction.
- File:** B1SFL (Subfile for displaying debt collection records)
- Field:** Various fields used for subfile management.
- Condition:** The subfile is cleared and filled based on the current position in the database.

Configuration and Authorization Rules

1. User Initialization

- Logic:** Initializes user-specific parameters and sets up the working environment for the program.
- Files:**
 - RCA0L1 (Debt Collection Agency List)
 - RCA0LR (Debt Collection Agency Records)
- Fields:**
 - l_user (User identifier)
 - l_firm (Firm identifier)
- Condition:** The program retrieves values from the local data area and initializes the screen based on the user's firm.

2. Agency Validation

- Logic:** Validates the selected debt collection agency against known values.
- File:** RCA0LR (Debt Collection Agency Records)
- Field:** c2inkf (Agency identifier)

- Condition:** The program checks if the agency identifier is not one of the known agencies ('Lindorf', 'Svea', 'Collectio') and raises a message if it is unknown.
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Financial and Transactional Rules

1. Record Update

- Logic:** Updates the debt collection record with new values provided by the user.
- File:** RCA0LU (Debt Collection Update Records)
- Fields:**
 - rc0txt (Text field)
 - rc0cnk (Chunk field)
- Condition:** The program checks if the record exists and updates it; if not, it creates a new record.

2. Record Deletion

- Logic:** Deletes a selected debt collection record after user confirmation.
 - File:** RCA0LU (Debt Collection Update Records)
 - Condition:** The program will delete the record only if the user confirms the action through the delete window.
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Special Conditions (Program-Specific)

1. Subfile Management (RC101R)

- Logic:** Manages the display and interaction of the subfile, including adding, updating, and deleting records.
- File:** B1SFL (Subfile for displaying debt collection records)
- Field:** Various fields used for subfile management.
- Condition:** The program processes user inputs for different actions (insert, update, delete) and updates the subfile accordingly.

2. Record Copying (RC101R)

- Logic:** Handles the copying of a debt collection record to create a new entry.
 - File:** RCA0LU (Debt Collection Update Records)
 - Fields:**
 - k10fir (Key for the record to copy)
 - c10fir (New record identifier)
 - Condition:** The program checks if the record exists before allowing the copy operation.
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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. AA005R (Message Display Program)

- Trigger:** Called when an unknown debt collection agency is selected.
- Logic:** Displays a message to the user indicating that the selected agency is not recognized.
- Impact:** This call acts as a **validation step** to ensure that only known agencies are processed.

2. XC2BLD (Record Maintenance Program)

- Trigger:** Called when creating or updating a debt collection record.

- Logic:** Handles the logic for maintaining the record, including validation and updates.
- Impact:** This is a **critical step** in ensuring that records are correctly maintained and updated.

3. XC1BLD (New Record Handling Program)

- Trigger:** Called when a new record is being created.
- Logic:** Manages the input and validation of new records.
- Impact:** Represents the **initial step** in the record creation process, ensuring all necessary data is captured correctly.