

RC100R.MBR

Path: NXCLOUD/rpgsrc/RC100R.MBR Generated: 2026-01-08 12:35:10 Processing Time: 13686ms

Business Logic for Inkasso - Vedlikehold Faste Data

This document outlines the business rules that govern the process of maintaining fixed data for debt collection, based on an analysis of the RPG program RC101R. The primary focus is on how the program handles subfile operations, data validation, and user interactions.

The core logic for maintaining fixed data is contained within the subfile subroutine in RC101R. The program processes records related to debt collection agencies, allowing users to create, update, and delete entries in a subfile interface.

Order Status and Header Rules

Inkasso: RCA0PF, RCA0LR, RCA0LU

1. Record Existence Check

- Logic:** The program checks if a record exists in the RCA0LR file when attempting to create or update an entry. If the record is found, it triggers a message indicating that the entry already exists.
- File:** RCA0LR (Debt Collection Agency Records)
- Field:** 0FIR (Firm Identifier)
- Condition:** The process will not allow creation if 0FIR already exists in the RCA0LR file.

2. Subfile Population

- Logic:** The program populates the subfile with records from the RCA0L1 file based on the firm identifier. It reads records until it reaches the end of the file or a different firm identifier.
- File:** RCA0L1 (Debt Collection Agency List)
- Field:** 0FIR (Firm Identifier)
- Condition:** The subfile will be populated only if the current record's firm identifier matches the specified firm.

Configuration and Authorization Rules

1. Firm Identifier Validation

- Logic:** The program validates the firm identifier against known values. If the identifier does not match any of the accepted values, an error message is displayed.
- Files:**
 - RCA0LR (Debt Collection Agency Records)
 - RCA0LU (Debt Collection Agency Update)
- Fields:**
 - C2INKF (Debt Collection Agency Identifier from input)
 - 0FIR (Firm Identifier from RCA0LR)
- Condition:** The process will display an error if C2INKF is not equal to 'Lindorf', 'Svea', or 'Collectio'.

2. Record Update Logic

- Logic:** When updating a record, the program checks if the record exists. If found, it updates the fields with new values; if not found, it creates a new record.
- File:** RCA0LU (Debt Collection Agency Update)
- Field:** 0FIR (Firm Identifier)
- Condition:** The update will only occur if the record is found; otherwise, a new record will be created.

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Financial and Transactional Rules

1. Subfile Interaction

- Logic:** The program allows users to interact with the subfile to perform operations such as create, update, delete, and view records. Each operation is handled based on user input from function keys.
- File:** RCA0L1 (Debt Collection Agency List)
- Fields:**
 - B1VALG (User action selection)
 - B10FIR (Firm Identifier)
- Condition:** The subfile will be updated based on the user's selected action (create, update, delete, view).

2. Deletion of Records

- Logic:** The program allows deletion of records after user confirmation. If the user confirms, the record is removed from the RCA0LU file.
- File:** RCA0LU (Debt Collection Agency Update)
- Condition:** The deletion will only occur if the user confirms the action through the delete window.

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Special Conditions (Program-Specific)

1. Error Handling for Existing Records (RC101R)

- Logic:** If a user attempts to create a record that already exists, an informational message is displayed, and the user is prompted to correct the input.
- File:** RCA0LR (Debt Collection Agency Records)
- Field:** 0FIR (Firm Identifier)
- Condition:** This check is crucial for maintaining data integrity and preventing duplicate entries.

2. Subfile Refresh Logic (RC101R)

- Logic:** The program refreshes the subfile display after any operation (create, update, delete) to ensure the user sees the most current data.
- File:** RCA0L1 (Debt Collection Agency List)
- Fields:** B1SFL (Subfile Record)
- Condition:** The subfile is refreshed every time an operation is completed.

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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 (Error Message Display)

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

2. XC2BLD (Record Maintenance)

- Trigger:** Called during the creation or update of a record.
- Logic:** Handles the logic for maintaining the record, including validation and writing to the database.
- Impact:** This is a **critical step** in ensuring that records are correctly maintained and updated.

3. XC1BLD (New Record Entry)

- Trigger:** Called when a user opts to create a new record.
- Logic:** Initializes the entry form for a new record and handles input validation.
- Impact:** Represents the **initial step** in the record creation process, ensuring all necessary fields are filled correctly before submission.