

RC100R.MBR

Path: NXCLOUD/rpgsrc/RC100R.MBR Generated: 2026-01-09 10:13:44 Processing Time: 12336ms

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 processing of subfiles and the management of debt collection agency data.

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 for the creation, updating, and deletion of these records through a user interface.

Order Status and Header Rules

Inkasso: RCA0PF, RCA0LR, RCA0LU

1. Record Existence Check

- Logic:** The program checks if a record exists before allowing updates or deletions.
- File:** RCA0LR (Debt Collection Agency Records)
- Field:** rca0lr_0fir
- Condition:** The process will not proceed if the record is not found in RCA0LR.

2. Agency Validation

- Logic:** Validates that the debt collection agency is one of the recognized agencies.
- File:** RCA0LU (Debt Collection Agency Update Records)
- Field:** c2inkf
- Condition:** The process will display an error if the agency is not 'Lindorf', 'Svea', or 'Collectio'.

Configuration and Authorization Rules

1. User Initialization

- Logic:** Initializes user-specific parameters and sets the firm identifier.
- Files:**
 - LDA (Local Data Area)
 - RCA0L1 (Debt Collection Agency List)
- Fields:**
 - l_user (User Identifier from LDA)
 - l_firm (Firm Identifier from LDA)
- Condition:** The initialization occurs at the start of the program when the user accesses the screen.

2. Subfile Clearing

- Logic:** Clears the subfile before populating it with new records.
- File:** B1SFL (Subfile for displaying records)
- Field:** w_srrn
- Condition:** The subfile is cleared whenever a new operation is initiated.

Financial and Transactional Rules

1. Record Update Logic

- Logic:** Updates the debt collection agency record with new values if the record exists.

- File:** RCA0LU (Debt Collection Agency Update Records)

- Fields:**

- rc0txt (Text Field)

- rc0cnk (Chunk Field)

- Condition:** The update occurs only if the record is found in RCA0LU.

2. Record Creation Logic

- Logic:** Creates a new debt collection agency record if it does not exist.

- File:** RCA0LU (Debt Collection Agency Update Records)

- Condition:** A new record is created if the previous check confirms that the record is not found.

Special Conditions (Program-Specific)

1. Error Handling for Unknown Agencies (RC101R)

- Logic:** Displays an error message if an unknown debt collection agency is entered.

- File:** C1MSG (Message Display)

- Field:** w_mld1

- Condition:** The error is triggered if the agency does not match known values. Note: This check ensures data integrity by preventing unrecognized agencies from being processed.

2. Subfile Navigation Logic (RC101R)

- Logic:** Manages navigation through the subfile, allowing users to view, update, or delete records.

- File:** B1SFL (Subfile for displaying records)

- Fields:**

- b1valg (Selection Value)

- b10fir (Firm Identifier)

- Condition:** Navigation actions are based on user input through function keys, which determine the next action (e.g., view, edit, delete).

Subprogram Calls Affecting Logic

Beyond direct file checks, several external subprograms are called that play a significant role in the workflow.

1. AA005R (Agency Validation Program)

- Trigger:** Called when an unknown debt collection agency is detected.

- Logic:** Displays a message indicating that the agency is not recognized.

- Impact:** This call acts as a **validation step** to ensure that only recognized agencies are processed.

2. XC2BLD (Record Maintenance Program)

- Trigger:** Called during the creation and updating of records.

- Logic:** Handles the logic for maintaining the details of a debt collection agency.

- Impact:** This is a **critical step** in ensuring that the records are correctly updated or created.

3. XC1BLD (New Record Handling Program)

- Trigger:** Called when a new record is being created.
- Logic:** Initializes the fields for a new debt collection agency record.
- Impact:** This represents the **initial setup** for new records, ensuring that all necessary fields are populated correctly.