RR100R.MBR

Path: NXCLOUD/rpgsrc/RR100R.MBR **Generated**: 2026-01-08 15:04:24 **Processing Time**: 17174ms

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Business Logic for Resultatrapport Maintenance

This document outlines the business rules that govern the maintenance of report headers in the Resultatrapport process, based on an analysis of the RPG program RR100R. The primary focus is on the logic used for managing subfiles, handling user interactions, and processing report data. The core logic for maintaining report headers is contained within the subfile subroutine in RR100R . This subroutine is responsible for displaying, updating, and managing records in a subfile format, allowing users to interact with report data effectively.

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Order Status and Header Rules

Resultatrapport: rrf0l1, rrf0l2, rrf0lr, rrf0lu, rrf5l1, rrf5lu, rrf8l1, rrf8lu, rrf9l1, rrf9lu

1. Record Selection

•**Logic:** The program selects records from the report header file based on user input and the current state of the subfile.

•**File:** rrf0l1 (Report Header)

•**Field:** rrf0l1_0rap

•**Condition:** The program will select a record if the report number (b20rap) is not equal to zero or if the description field (b20txt) is not blank.

2. Subfile Initialization

•**Logic:** Initializes the subfile for display by clearing existing records and preparing for new data.

•**File:** b1sfl (Subfile)

•**Field:** w_srrn

•**Condition:** The subfile is cleared and filled only if the relative record number (w_srrn) is greater than zero.

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Configuration and Authorization Rules

1. User Interaction Handling

•**Logic:** The program processes function keys to determine user actions such as creating, updating, or deleting report headers.

•**Files:**

•b2cmd (Command Subfile)

•b1sfl (Data Subfile)

•**Fields:**

•b1valg (User Action)

•b20rap (Report Number)

•**Condition:** The program will execute specific actions based on the value of b1valg, which indicates the user's choice (e.g., create, update, delete).

2. Record Update Logic

•**Logic:** Updates the report header record if it exists; otherwise, it creates a new record.

•**File:** rrf0lu (Update Report Header)

•**Field:** rrf0lu_0rap

•**Condition:** The program checks if the record exists using the report number (c10rap) and updates or creates accordingly.

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Financial and Transactional Rules

1. Report Generation

•**Logic:** Generates a report based on the selected report number and calls the appropriate report generation program.

•**File:** rrf5l1 (Report Lines)

•**Fields:**

•rrf5lu_5rap (Report Number)

•rrf5lu_5lin (Report Line)

•**Condition:** The report generation is triggered if the user selects the option to generate a report (b1valg = 6).

2. Record Deletion

•**Logic:** Deletes the selected report header and its associated lines from the database.

•**File:** rrf0lu (Delete Report Header)

•**Condition:** The deletion occurs if the user confirms the action through the delete window (D1WIN).

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Special Conditions (Program-Specific)

1. Subfile Management (RR100R)

•**Logic:** Manages the display and interaction with the subfile, including paging and record navigation.

•**File:** b1sfl (Subfile)

•**Field:** w_stel

•**Condition:** The program handles paging through the subfile based on user input and the current record position.

2. Error Handling and User Feedback (RR100R)

•**Logic:** Displays error messages and prompts for user actions when invalid input is detected.

•**File:** c1msg (Message Screen)

•**Fields:** b_anul (Cancel Flag)

•**Condition:** Error messages are displayed if the user attempts to create a record that already exists.

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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. RR634R (Report Generation Program)

•**Trigger:** Called when the user selects the option to generate a report.

•**Logic:** This program generates the report based on the provided report number.

•**Impact:** This call acts as a **major logical gateway** for producing reports.

2. RR105R (Line Maintenance Program)

•**Trigger:** Called when the user opts to maintain report lines.

•**Logic:** This program handles the maintenance of individual report lines associated with the selected report.

•**Impact:** This is a **critical step** in ensuring report data integrity.

3. RR625C (Missing Accounts Report)

•**Trigger:** Called when the user selects the option to write missing accounts.

•**Logic:** This program generates a report of missing accounts based on the current report context.

•**Impact:** This represents the handoff to the next major business function, ensuring all necessary accounts are accounted for in the report.