

RR100R.MBR

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Business Logic for Resultatrapport Maintenance

This document outlines the business rules that govern the maintenance of the report header in the Resultatrapport process, based on an analysis of the RPG program RR100R. The primary focus is on the logic that handles subfile operations, user interactions, and report generation.

The core logic for maintaining the report header is contained within the init subroutine in RR100R. The program processes user inputs and manages subfile records to display and manipulate report data effectively.

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 files based on the user's input and the current state of the subfile.
- File:** rrf0l1 (Report Header)
- Field:** rrf0l1_Orap
- Condition:** The process will not select a record if rrf0l1_Orap is not equal to 0.

2. Subfile Management

- Logic:** The program manages the display and update of subfile records based on user actions.
- File:** b1sfl (Subfile)
- Field:** b1valg
- Condition:** The subfile will be updated based on the value of b1valg, which indicates the user's choice (e.g., create, delete, update).

Configuration and Authorization Rules

1. User Authorization

- Logic:** The program checks if the user has permission to perform actions on the report records.
- Files:**
 - rrf0l1 (Report Header)
 - rrf0lu (Report Header Update)
- Fields:**
 - w_firm (User's Firm)
 - rrf0l1_Orap (Report Number)
- Condition:** The user is authorized if the firm matches the one associated with the report.

2. Input Validation

- Logic:** The program validates user inputs before processing them.
- File:** rrf0l1 (Report Header)
- Field:** c20txt
- Condition:** The process will not proceed if c20txt is blank.

Financial and Transactional Rules

1. Report Generation

•**Logic:** The program generates a report based on the selected report number.

•**File:** rrf5l1 (Report Lines)

•**Fields:**

•rrf5lu_5rap (Report Number)

•rrf5lu_5lin (Report Line)

•**Condition:** The report will be generated if b1valg is equal to 6.

2. Record Deletion

•**Logic:** The program deletes records from the report lines based on user confirmation.

•**File:** rrf5lu (Report Line Update)

•**Condition:** Records will be deleted if the user selects the delete option.

Special Conditions (Program-Specific)

1. Subfile Refresh (RR100R)

•**Logic:** The program refreshes the subfile contents based on the current state of the records.

•**File:** b1sfl (Subfile)

•**Field:** w_sfrn

•**Condition:** The subfile will be refreshed if w_sfrn is not equal to 0. Note: This is a crucial step to ensure the display is up-to-date with the latest data.

2. Record Copying (RR100R)

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

•**File:** rrf5l1 (Report Lines)

•**Fields:**

•rrf5lu_5rap (New Report Number)

•rrf5lu_5lin (New Report Line)

•**Condition:** Copying occurs if the user selects the copy option.

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 generate report option.

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

•**Impact:** This call acts as a **major logical gateway** for producing the final report output.

2. RR105R (Line Maintenance Program)

•**Trigger:** Invoked when the user chooses to maintain report lines.

•**Logic:** This program updates the report lines based on user input.

•**Impact:** This ensures that the report lines are accurately maintained and reflect the latest changes.

3. RR625C (Missing Accounts Report)

- Trigger:** Called when the user selects the option to report missing accounts.
- Logic:** This program checks for and reports any missing accounts associated with the report.
- Impact:** This represents the handoff to the next major business function, ensuring completeness in reporting.

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This documentation provides a comprehensive overview of the business logic implemented in the RR100R program, focusing on the handling of report headers and related operations.