

RR100R.MBR

Path: NXCLOUD/rpgsrc/RR100R.MBR Generated: 2026-01-09 10:13:44 Processing Time: 12366ms

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 related to subfile management and user interactions for report maintenance.

The core logic for maintaining report headers is contained within the subfile subroutine in RR100R. This subroutine handles the reading, updating, and deleting of report records, as well as the display of subfile data to the user.

Order Status and Header Rules

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

1. Record Selection for Display

- Logic:** The program selects records from the report header files based on the user's input and displays them in a subfile format.
- File:** rrf0l1 (Report Header)
- Field:** rr0rap
- Condition:** The process will not select a record if rr0fir (firm identifier) does not match the current firm.

2. Subfile Record Count Management

- Logic:** The program maintains a count of records in the subfile and manages pagination.
- File:** rrf0l1 (Report Header)
- Field:** w_srrn
- Condition:** The subfile will only display records if w_srrn (relative record number) is greater than zero.

Configuration and Authorization Rules

1. User Access Control

- Logic:** The program checks user permissions before allowing modifications to report headers.
- Files:**
 - rrf0lu (Report Header Update)
 - rrf0lr (Report Header Read)
- Fields:**
 - w_firm (Firm Identifier from rrf0lu)
 - rrf0lu_0rap (Report Identifier from rrf0lu)
- Condition:** The user must have the necessary permissions to access and modify the records.

2. Validation of Input Fields

- Logic:** The program validates user input fields before processing updates.
- File:** rrf0l1 (Report Header)
- Field:** c20txt

- Condition:** The process will not proceed if c20txt (description) is blank.
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Financial and Transactional Rules

1. Report Generation Trigger

- Logic:** The program triggers the generation of reports based on user selection.
- File:** rrf5l1 (Report Lines)
- Fields:**
 - b1valg (User Selection)
 - p_0rap (Report Identifier)
- Condition:** The report will be generated if b1valg equals 6 (generate report).

2. Record Deletion Process

- Logic:** The program deletes selected report lines based on user confirmation.
 - File:** rrf5lu (Report Line Update)
 - Condition:** The deletion will occur if the user confirms the action through the delete window.
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Special Conditions (Program-Specific)

1. Subfile Refresh Logic (RR100R)

- Logic:** The program refreshes the subfile display after any modifications to ensure the latest data is shown.
- File:** rrf0l1 (Report Header)
- Field:** w_srrn
- Condition:** The subfile will be refreshed if b_forn (refresh flag) is set to *on*.

2. Error Handling for Existing Records (RR100R)

- Logic:** The program checks for existing records before allowing the creation of new entries.
 - File:** rrf0lr (Report Header Read)
 - Fields:** c10rap (Report Identifier), c20txt (Description)
 - Condition:** If a record with the same identifier exists, an error message will be displayed.
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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)

- Trigger:** Called when the user selects the option to generate a report.
- Logic:** This program generates the report based on the selected report identifier.
- Impact:** This call acts as a **major logical gateway** for report generation.

2. RR105R (Maintain Report Lines)

- Trigger:** Invoked when the user selects to maintain report lines.
- Logic:** This program handles the maintenance of report lines associated with the selected report.
- Impact:** This ensures that all report lines are correctly updated and maintained.

3. RR630R (Report Output)

- Trigger:** Called when the user selects to print the report.
- Logic:** This program manages the output of the report to the designated printer.

•**Impact:** This represents the handoff to the next major business function of report output generation.