

RR100R.MBR

Path: NXCLOUD/rpgsrc/RR100R.MBR **Generated:** 2026-01-08 13:32:56 **Processing Time:** 12385ms

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 handling of subfiles and the associated user interactions within the report maintenance functionality.

The core logic for maintaining report headers is contained within the init subroutine in RR100R. The program processes user input through various function keys, updating and displaying records in subfiles as necessary.

Order Status and Header Rules

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

1. Record Selection

- Logic:** The program selects records 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 or if the firm number does not match.

2. Subfile Population

- Logic:** The program populates the subfile with records from the report header and associated lines.
- File:** rrf0l1 (Report Header)
- Field:** rrf0l1_Orap
- Condition:** The subfile is populated only if the current record number is greater than zero.

Configuration and Authorization Rules

1. User Authorization Check

- Logic:** The program checks if the user has the necessary permissions to modify records.
- Files:**
 - rrf0lu (Report Header Update)
 - rrf0lr (Report Header Read)
- Fields:**
 - w_firm (Firm Identifier from Local Data Area)
 - rrf0lu_Orap (Report Identifier)
- Condition:** The user must be authorized to access and modify records based on their firm identifier.

2. Input Validation

- Logic:** The program validates user input before processing updates to the records.
- File:** rrf0lu (Report Header Update)

- Field:** rrf0lu_Orap
 - Condition:** The input must not be blank; otherwise, an error indicator is set.
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Financial and Transactional Rules

1. Record Deletion

- Logic:** The program allows for the deletion of report records based on user confirmation.
- File:** rrf0lu (Report Header Update)
- Fields:**
 - rrf0lu_Orap (Report Identifier)
 - rrf9lu_9rap (Report Line Identifier)
- Condition:** Records are deleted only if the user confirms the deletion action.

2. Report Generation

- Logic:** The program generates reports based on the selected report identifier.
 - File:** rrf0lu (Report Header Update)
 - Condition:** The report is generated only if the user selects the appropriate function key for report generation.
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Special Conditions (Program-Specific)

1. Subfile Refresh (RR100R)

- Logic:** The program refreshes the subfile contents based on the current state of the data.
- File:** rrf0l1 (Report Header)
- Field:** rrf0l1_Orap
- Condition:** The subfile is refreshed when the user navigates back to the main menu or after any modification action. Note: This refresh is crucial for maintaining data integrity.

2. Error Handling (RR100R)

- Logic:** The program displays error messages when invalid input is detected.
 - File:** rrf0lu (Report Header Update)
 - Fields:** c20txt (Error Message Text)
 - Condition:** An error message is displayed if the user attempts to enter a duplicate report identifier.
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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 report generation function key.
- Logic:** This program generates the report based on the selected report identifier.
- Impact:** This call acts as a **major logical gateway** for producing reports.

2. RR105R (Report Maintenance Program)

- Trigger:** Called when the user opts to maintain report lines.
- Logic:** This program updates the report lines based on user input.
- Impact:** This is a **critical update step** that ensures report lines are correctly maintained.

3. RR625C (Missing Accounts Report)

- Trigger:** Called when the user selects the option to write missing accounts.
- Logic:** This program handles the generation of a report for missing accounts based on the current report.
- Impact:** Represents the handoff to the next major business function of account reconciliation.