

RR100R.MBR

Path: NXCLOUD/rpgsrc/RR100R.MBR **Generated:** 2026-01-08 15:43:00 **Processing Time:** 17646ms

Business Logic for Resultatrapport, vedlikehold raporthode

This document outlines the business rules that govern the processing of the Resultatrapport, vedlikehold raporthode, based on an analysis of the RPG program RR100R. The primary focus is on the logic surrounding the maintenance and display of report headers and associated records. The core logic for handling report headers is contained within the subfile subroutine in RR100R. The program processes records from various files, allowing users to create, update, delete, and display report headers and their associated lines.

Order Status and Header Rules

Resultatrapport: rrf0I1, rrf0I2, rrf0Ir, rrf0Lu, rrf5I1, rrf5Lu, rrf8I1, rrf8Lu, rrf9I1, rrf9Lu

1. Check for Existing Report Header

- **Logic:** The program checks if a report header already exists before allowing updates or deletions.
- **File:** rrf0Ir (Report Header Records)
- **Field:** rrf0Ir_0rap
- **Condition:** The process will not proceed if the report header (b20rap) is not equal to 0 or if the description (b20txt) is not blank.

2. Display Subfile Records

- **Logic:** The program displays records in a subfile format, allowing users to navigate through the report headers.
- **File:** b1sfl (Subfile for displaying records)
- **Field:** b1rap, b1txt
- **Condition:** The subfile will be displayed only if there are records to show (w_srrn is not equal to 0).

Configuration and Authorization Rules

1. Subfile Initialization

- **Logic:** Initializes the subfile by clearing any previous data and setting up the necessary parameters.

• **Files:**

- b1sfl (Subfile for displaying records)
- rrf0I1, rrf0I2 (Report Header Records)

• **Fields:**

- w_srrn (Current record number)
- w_spge (Page size in subfile)

- **Condition:** The subfile is initialized when the program starts or when a new report header is created.

2. User Authorization Check

- **Logic:** Checks if the user has the necessary permissions to perform actions on the report headers.
- **File:** l_user (User Data)
- **Field:** l_firm
- **Condition:** The user must be authorized based on their firm ID (l_firm).

Financial and Transactional Rules

1. Report Generation

- **Logic:** Generates a report based on the selected report header and its associated lines.
- **File:** rrf5l1 (Report Line Records)
- **Fields:**
 - rrf5lu_5rap (Report ID)
 - rrf5lu_5lin (Line Number)
- **Condition:** The report will be generated if the user selects the option to generate a report (b1valg equals 6).

2. Line Maintenance

- **Logic:** Allows for the maintenance of report lines associated with a report header.
- **File:** rrf5lu (Report Line Update)
- **Condition:** The maintenance process is triggered when the user selects the option to maintain lines (b1valg equals 7).

Special Conditions (Program-Specific)

1. Subfile Refresh (RR100R)

- **Logic:** Refreshes the subfile to display the latest records after any changes.
- **File:** b1sfl (Subfile for displaying records)
- **Field:** w_sfrn
- **Condition:** The subfile is refreshed if the user has made changes to the report header or lines.

2. Record Deletion Confirmation (RR100R)

- **Logic:** Confirms the deletion of a report header and its associated lines.
- **File:** rrf0lu (Report Header Update)
- **Fields:** rrf0lu_0rap, rrf0lu_0txt
- **Condition:** The deletion process is initiated when the user selects the delete option (b1valg equals 4).

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 to generate a report.
- **Logic:** This program generates the report based on the selected report header.
- **Impact:** This call acts as a **major logical gateway** for report generation.

2. RR105R (Line Maintenance Program)

- Trigger:** Called when the user selects to maintain report lines.
- Logic:** This program handles the maintenance of report lines associated with the selected report header.
- Impact:** This represents the handoff to the next major business function.

3. RR625C (Missing Accounts Report)

- Trigger:** Called when the user selects to write missing accounts.
- Logic:** This program generates a report of any missing accounts based on the selected report header.
- Impact:** This provides critical information for financial reconciliation and reporting.