

RR100R.MBR

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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 that handles the display and management of report data through subfiles.

The core logic for managing report headers is contained within the subfile subroutine in RR100R. The program processes records from various files, allowing users to create, update, delete, and generate reports based on the data.

Order Status and Header Rules

Resultatrapport: rrf0I1, rrf0I2, rrf0lr, rrf0lu, rrf5I1, rrf5lu, rrf8I1, rrf8lu, rrf9I1, rrf9lu

1. Record Selection for Display

- **Logic:** The program reads records from the rrf0I1 and rrf0I2 files to display report headers and descriptions in a subfile format.
- **File:** rrf0I1 (Report Header)
- **Field:** rr0rap
- **Condition:** The process will not select a record if the report number (rr0rap) is not equal to zero.

2. Subfile Record Management

- **Logic:** The program manages the subfile records by allowing users to navigate, create, update, and delete report headers.
- **File:** rrf0I1 (Report Header)
- **Field:** rr0rap
- **Condition:** The subfile will be cleared and repopulated whenever a new record is created or an existing record is updated.

Configuration and Authorization Rules

1. User Initialization

- **Logic:** The program initializes user parameters and sets the firm identifier from the local data area.

• **Files:**

- rrf0I1 (Report Header)
- rrf0I2 (Report Description)

• **Fields:**

- l_firm (Firm Identifier from Local Data Area)
- w_firm (Current Firm Identifier)

- **Condition:** The initialization occurs at the start of the program to ensure that all operations are performed under the correct firm context.

2. Subfile Control Logic

- **Logic:** The program controls the visibility and interaction with the subfile based on user input and system state.

- File:** b2cmd (Command Control)
 - Field:** *in12
 - Condition:** The subfile is displayed only if there are records to show; otherwise, a command control message is presented.
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Financial and Transactional Rules

1. Report Generation

- Logic:** The program generates reports based on selected report headers and invokes the corresponding report generation program.
- File:** rrf5l1 (Report Lines)
- Fields:**
 - p_0rap (Report Number)
 - b10rap (Selected Report Number)
- Condition:** The report generation is triggered when the user selects the appropriate function key (e.g., F8).

2. Record Deletion

- Logic:** The program allows users to delete selected report headers and associated lines from the database.
 - File:** rrf0lu (Report Header Update)
 - Condition:** Deletion occurs when 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 to reflect any changes made to the report headers or descriptions.
- File:** b2ctl (Subfile Control)
- Field:** w_srrn
- Condition:** The subfile is refreshed whenever a new record is added or an existing record is modified.

2. Record Copying Logic (RR100R)

- Logic:** The program allows users to copy existing report headers and lines to create new entries.
 - File:** rrf5lu (Report Line Update)
 - Fields:** s_0rap (Source Report Number), k10rap (Target Report Number)
 - Condition:** Copying occurs when the user selects the copy function, and the source record 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 generate report function (F8).
- Logic:** This program generates the report based on the selected report number.

- Impact:** This call acts as a **major logical gateway** for report generation.

2. RR105R (Report Line Maintenance Program)

- Trigger:** Called when maintaining lines associated with a report.

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

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

3. RR625C (Missing Accounts Report)

- Trigger:** Called when the user selects the function to report missing accounts.

- Logic:** This program generates a report of accounts that are missing from the current report.

- Impact:** This represents the handoff to the next major business function of ensuring all accounts are accounted for in reports.