

JR100R.MBR

Path: NXCLOUD/rpgsrc/JR100R.MBR **Generated:** 2026-01-08 15:43:00 **Processing Time:** 18380ms

Business Logic for JR100R

This document outlines the business rules that govern the report maintenance process, based on an analysis of the RPG program JR100R. The primary focus is on how the program handles subfile operations and user interactions for report management.

The core logic for report maintenance is contained within the subfile subroutine in JR100R. The program processes records related to reports, allowing users to create, update, delete, and view report entries through various subfile operations.

Order Status and Header Rules

JR100R: fjrapl1, fjrapl2, fjrapl3, fjrapl, fjrplu, fjlevl1, fjrcl1

1. Record Selection

- **Logic:** The program selects records based on user input for report number, name, or record format.
- **File:** fjrapl1 (Report data file)
- **Field:** b2rapp, b2navn, b2rfmt
- **Condition:** Records are processed if b2rapp, b2navn, or b2rfmt are not blank.

2. Subfile Initialization

- **Logic:** Initializes the subfile for displaying report entries.
- **File:** fjrapl1, fjrapl2, fjrapl3
- **Field:** w_fcrn
- **Condition:** The subfile is populated when the program starts and when records are added or modified.

Configuration and Authorization Rules

1. User Authorization

- **Logic:** The program checks user permissions before allowing modifications to report entries.
- **Files:**
 - fjrapl1 (Report data file)
 - fjrplu (Update report file)
- **Fields:**
 - l_user (Current user)
 - w_firm (Firm identifier)
- **Condition:** Users must have appropriate permissions to update or delete records.

2. Record Format Validation

- **Logic:** Validates the record format before processing.
- **File:** fjrcl1 (Record format file)
- **Field:** c2rfmt
- **Condition:** The record format must exist in the database; otherwise, an error is raised.

Financial and Transactional Rules

1. Record Creation

• **Logic:** New report entries are created based on user input.

• **File:** fjrplu (Update report file)

• **Fields:**

• jrnnavn (Report name)

• jrldor (Supplier ID)

• **Condition:** A new entry is created if the report number does not already exist in the database.

2. Record Deletion

• **Logic:** Allows users to delete existing report entries.

• **File:** fjrplu (Update report file)

• **Condition:** The entry is deleted based on user confirmation in the delete window.

Special Conditions (Program-Specific)

1. Error Handling (JR100R)

• **Logic:** Displays error messages for invalid inputs or operations.

• **File:** fjrplu (Update report file)

• **Field:** b_anul

• **Condition:** If an error occurs, the program displays an error message and prompts the user to correct the input.

2. Subfile Paging Logic (JR100R)

• **Logic:** Manages paging through the subfile records.

• **File:** fjrpl1, fjrpl2, fjrpl3

• **Fields:** w_srrn, w_fcrn

• **Condition:** The program calculates the current page and navigates through records based on user input.

Subprogram Calls Affecting Logic

Beyond direct file checks, several external subprograms are called that play a significant role in the workflow.

1. JR120R (Reference Group Processing)

• **Trigger:** Called when the user selects a reference group for a report.

• **Logic:** Processes the selected reference group and updates the report entry accordingly.

• **Impact:** This call ensures that the report is linked to the correct reference group.

2. JR130R (Receiving Filter Processing)

• **Trigger:** Invoked when the user applies a receiving filter to a report.

• **Logic:** Applies the filter criteria to the report data.

• **Impact:** This affects the displayed report entries based on the applied filter.

3. JL500R (Supplier Lookup)

• **Trigger:** Called when the user inputs a supplier ID.

• **Logic:** Retrieves the supplier name based on the ID provided.

•Impact: This ensures that the report entries are associated with the correct supplier information.