JR100R.MBR

Path: NXCLOUD/rpgsrc/JR100R.MBR **Generated**: 2026-01-08 13:32:25 **Processing Time**: 14380ms

–

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 the logic related to subfile management, user input handling, and record processing.

The core logic for report maintenance is contained within the subfile subroutine in JR100R. The program handles user interactions through function keys, processes subfile records, and manages data updates and deletions.

–

Order Status and Header Rules

JR100R: fjrapl1, fjrapl2, fjrapl3, fjraplr, fjraplu, fjlevl1, fjvrcl1

1. Record Selection

•**Logic:** The program selects records based on user input for report number, name, or record format.

•**File:** fjrapl1, fjrapl2, fjrapl3 (Report maintenance files)

•**Field:** b2rapp, b2navn, b2rfmt

•**Condition:** The program will execute positioning logic if any of the fields b2rapp, b2navn, or b2rfmt are not blank.

2. Subfile Handling

•**Logic:** The program processes records in a subfile format, allowing for user interaction with multiple records.

•**File:** fjr100d (Subfile for display)

•**Field:** b1sfl

•**Condition:** The subfile is populated and displayed based on the current record number and user selections.

–

Configuration and Authorization Rules

1. User Input Validation

•**Logic:** The program validates user inputs for creating or updating records to ensure data integrity.

•**Files:**

•fjrapl1 (Report file)

•fjlevl1 (Supplier file)

•**Fields:**

•c2navn (Name)

•c2rfmt (Record format)

•**Condition:** The program checks that c2navn is not blank and that the c2rfmt meets specific criteria before proceeding.

2. Record Existence Check

•**Logic:** The program checks if a record already exists before allowing updates or deletions.

•**File:** fjraplr (Report reference file)

•**Field:** jraplr_rapp

•**Condition:** The program checks for the existence of a record based on the report number before allowing modifications.

–

Financial and Transactional Rules

1. Record Update Logic

•**Logic:** The program updates existing records or creates new ones based on user input.

•**File:** fjraplu (Report update file)

•**Fields:**

•jrnavn (Name)

•jrrfmt (Record format)

•**Condition:** If an existing record is found, it is updated; otherwise, a new record is created.

2. Record Deletion Logic

•**Logic:** The program allows for the deletion of records based on user confirmation.

•**File:** fjraplu (Report update file)

•**Condition:** The program will delete a record if the user confirms the action through the delete window.

–

Special Conditions (Program-Specific)

1. Subfile Refresh Logic (JR100R)

•**Logic:** The program refreshes the subfile display after any record updates or deletions.

•**File:** fjr100d (Subfile for display)

•**Field:** b1sfl

•**Condition:** The subfile is cleared and repopulated whenever a record is modified or deleted.

2. User Interaction Handling (JR100R)

•**Logic:** The program handles various function keys to navigate through records, create new entries, or delete existing ones.

•**File:** fjr100d (Subfile for display)

•**Fields:** b1valg (User action)

•**Condition:** The program executes specific subroutines based on the function key pressed by the user.

–

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 the option to reference a group.

•**Logic:** This program processes the reference group based on the selected report number and firm.

•**Impact:** This call allows users to manage references associated with reports, enhancing the report maintenance functionality.

2. JR130R (Receiving Filter Processing)

•**Trigger:** Called when the user selects the option to apply a receiving filter.

•**Logic:** This program processes the receiving filter based on the selected report number and firm.

•**Impact:** This enhances the report filtering capabilities, ensuring users can manage report visibility based on specific criteria.

3. JL500R and JF500R (Lookup Programs)

•**Trigger:** Called during input validation for supplier names and record formats.

•**Logic:** These programs retrieve additional information based on user input to ensure valid entries.

•**Impact:** This ensures data integrity and provides users with necessary feedback during data entry processes.