JP100R.MBR

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Business Logic for JP100R

This document outlines the business rules that govern the maintenance of conditions and parameters for suppliers, based on an analysis of the RPG program JP100R. The primary focus is on the logic related to subfile management and supplier selection.

The core logic for managing supplier conditions is contained within the subfile subroutine in JP100R. The program allows users to select suppliers from a list, perform searches, and manage conditions associated with those suppliers.

Supplier Selection and Condition Management Rules

JP100R: jlevpfr, jbetpfr, jfbepfr

1. Supplier Selection

•**Logic:** The program allows users to select suppliers from a subfile and manage conditions related to those suppliers.

•**File:** jlevpfr (Supplier File)

•**Field:** jlevl1_ldor (Supplier Number)

•**Condition:** The process will not select a supplier if the supplier number (b2ldor) is not provided.

2. Condition Update

•**Logic:** When a user selects a supplier, the program updates the conditions associated with that supplier.

•**File:** jbetpfr (Condition File)

•**Field:** jbetl1_ldor (Condition Supplier Number)

•**Condition:** The condition will be updated if the supplier number exists in the condition file.

Search and Filtering Rules

1. Search Functionality

•**Logic:** The program allows users to perform searches based on various criteria, which are then used to filter the suppliers displayed in the subfile.

•**Files:**

•jlevpfr (Supplier File)

•jbetpfr (Condition File)

•**Fields:**

•jlnavn (Supplier Name) (from jlevpfr)

•jlldor (Supplier Number) (from jlevpfr)

•**Condition:** The search will only execute if the search text (b2stek) is not blank.

2. Positioning in Subfile

•**Logic:** The program positions the cursor in the subfile based on user input for either supplier name or number.

•**File:** jlevpfr (Supplier File)

•**Field:** jlevl2_navn (Supplier Name)

•**Condition:** The cursor will be positioned if either the supplier name or number is provided.

Subfile Management Rules

1. Subfile Creation

•**Logic:** The program initializes and populates the subfile with supplier data based on the search criteria.

•**File:** jlevpfr (Supplier File)

•**Fields:**

•jlnavn (Supplier Name)

•jlldor (Supplier Number)

•**Condition:** The subfile will be populated with records that match the search criteria.

2. Subfile Clearing

•**Logic:** The program clears the subfile before populating it with new data.

•**File:** jlevpfr (Supplier File)

•**Condition:** The subfile will be cleared whenever a new search is initiated.

Special Conditions (Program-Specific)

1. Condition Handling (JP100R)

•**Logic:** The program handles specific conditions for freight based on user selection.

•**File:** jfbepfr (Freight Condition File)

•**Field:** jfbel1_fldo (Freight Condition Supplier Number)

•**Condition:** If the user selects the freight option, the program will update the freight conditions for the selected supplier.

2. User Interface Adjustments (JP100R)

•**Logic:** The program includes adjustments for the user interface to accommodate new GUI requirements.

•**File:** jlevpfr (Supplier File)

•**Fields:** jlnavn (Supplier Name), jlldor (Supplier Number)

•**Condition:** The interface changes are applied when the program is executed in the new GUI context.

Subprogram Calls Affecting Logic

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

1. AS701R (Search Text Processing)

•**Trigger:** Called during the search process.

•**Logic:** This program processes the search text and extracts relevant keywords for filtering suppliers.

•**Impact:** This call acts as a **critical filtering step** in the search functionality.

2. JP102R (Condition Management)

•**Trigger:** Called when a user updates conditions for a supplier.

•**Logic:** This program manages the conditions associated with the selected supplier.

•**Impact:** This is a **key step** in ensuring that supplier conditions are accurately maintained.

3. JP120R (Freight Condition Management)

•**Trigger:** Called when freight conditions are updated.

•**Logic:** This program handles the specific logic for freight conditions associated with suppliers.

•**Impact:** This represents the **handoff to freight management**, ensuring that all freight-related conditions are correctly processed.