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 maintaining supplier conditions is contained within the subfile subroutine in JP100R. The program handles the selection of suppliers from a list, allowing for various operations such as searching, positioning, and updating supplier conditions.

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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 associated with them.

•**File:** jlevpfr (Supplier file)

•**Field:** jlldor (Supplier number)

•**Condition:** The supplier can be selected if the user navigates through the subfile and chooses a supplier.

2. Condition Update

•**Logic:** When a specific condition is met (e.g., user selects a condition type), the program updates the corresponding supplier's condition.

•**File:** jbetpfr (Condition file)

•**Field:** jbetl1_ldor (Condition linked to supplier)

•**Condition:** The condition will be updated if the user selects the option to update conditions.

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Search and Positioning Rules

1. Search Functionality

•**Logic:** The program allows users to search for suppliers based on various criteria and populates the subfile with the results.

•**Files:**

•jlevpfr (Supplier file)

•**Fields:**

•jlnavn (Supplier name)

•**Condition:** The search is initiated when the user enters search criteria and triggers the search subroutine.

2. Positioning in Subfile

•**Logic:** The program positions the cursor in the subfile based on user input, allowing for easy navigation.

•**File:** jlevpfr (Supplier file)

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

•**Condition:** Positioning occurs when the user provides a name or supplier number to search for.

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Subfile Management Rules

1. Subfile Creation

•**Logic:** The program creates a subfile to display suppliers based on the search results or initial data load.

•**File:** jlevpfr (Supplier file)

•**Fields:**

•jlldor (Supplier number)

•jlnavn (Supplier name)

•**Condition:** The subfile is populated when the user initiates a search or when the program is first run.

2. Subfile Clearing

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

•**File:** jlevpfr (Supplier file)

•**Condition:** The subfile is cleared when the user initiates a new search or updates conditions.

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Special Conditions (Program-Specific)

1. Condition Type Handling (JP100R)

•**Logic:** The program handles different types of conditions (e.g., freight conditions) based on user selection.

•**File:** jfbepfr (Freight conditions file)

•**Field:** jfbel1_fldo (Freight condition linked to supplier)

•**Condition:** The freight condition is processed if the user selects the freight option in the menu.

2. User Feedback Handling (JP100R)

•**Logic:** The program provides feedback to users based on their actions (e.g., successful updates or errors).

•**File:** b2cmd (Command feedback display)

•**Fields:** b1sfl (Subfile)

•**Condition:** Feedback is displayed after each significant action, such as updating a supplier's condition.

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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. AS701R (Search Utility)

•**Trigger:** Called during the search subroutine when the user initiates a search.

•**Logic:** This program extracts search criteria and returns relevant data to populate the subfile.

•**Impact:** This call acts as a **data retrieval mechanism** that influences the results displayed to the user.

2. JP102R (Condition Update)

•**Trigger:** Called when the user selects to update a supplier's condition.

•**Logic:** This program updates the specified condition for the selected supplier.

•**Impact:** This is a **critical update step** that ensures supplier conditions are accurately maintained.

3. JP120R (Freight Condition Update)

•**Trigger:** Called when the user selects to update freight conditions for a supplier.

•**Logic:** This program processes the freight condition updates.

•**Impact:** Represents a **key business function** in managing supplier freight conditions effectively.