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 how the program manages supplier selection and the associated conditions.

The core logic for supplier maintenance is contained within the subfile subroutine in JP100R. The program utilizes subfiles to display and manage supplier data, allowing users to perform searches, updates, and navigational actions.

Order Status and Header Rules

JP100R: jlevl1, jlevl2, jbetl1, jfbel1

1. Supplier Selection

•**Logic:** The program allows users to select suppliers from a list and manage their associated conditions.

•**File:** jlevl1 (Supplier Level 1)

•**Field:** jlevl1_ldor

•**Condition:** The process will not select a record if jlevl1_ldor is not equal to 0.

2. Condition Management

•**Logic:** The program checks conditions related to suppliers and updates them as necessary.

•**File:** jbetl1 (Conditions for Supplier)

•**Field:** jbetl1_ldor

•**Condition:** The condition will be updated when the supplier number matches.

Configuration and Authorization Rules

1. Search Functionality

•**Logic:** Users can search for suppliers based on various criteria, and the program will filter results accordingly.

•**Files:**

•jlevl1 (Supplier Level 1)

•jlevl2 (Supplier Level 2)

•**Fields:**

•jlevl1_ldor (Supplier ID from jlevl1)

•jlevl2_navn (Supplier Name from jlevl2)

•**Condition:** The search will only execute if the search string is not blank.

2. Subfile Initialization

•**Logic:** The program initializes the subfile for displaying supplier data upon starting.

•**File:** b1sfl (Subfile for Supplier)

•**Field:** b1ldor

•**Condition:** The subfile is cleared and repopulated when the program initializes.

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Financial and Transactional Rules

1. Freight Conditions

•**Logic:** The program allows for the management of freight conditions related to suppliers.

•**File:** jfbel1 (Freight Conditions)

•**Fields:**

•jfbel1_fldo (Freight Supplier ID)

•w_firm (Firm Identifier)

•**Condition:** Freight conditions will be updated when the supplier ID matches.

2. Condition Update Logic

•**Logic:** The program updates conditions based on user interactions and selections.

•**File:** jbetl1 (Conditions for Supplier)

•**Condition:** Conditions are updated when a user selects a supplier and confirms changes.

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Special Conditions (Program-Specific)

1. Subfile Management (JP100R)

•**Logic:** The program manages the subfile for displaying supplier information, including navigation and updates.

•**File:** b1sfl (Subfile for Supplier)

•**Field:** b1valg

•**Condition:** The subfile is populated based on user selections and search criteria. Note: The program handles both searching and updating within the same subfile.

2. Positioning Logic (JP100R)

•**Logic:** The program positions the cursor based on user input for efficient navigation.

•**File:** jlevl1, jlevl2 (Supplier Levels)

•**Fields:** jlevl1_ldor (Supplier ID), jlevl2_navn (Supplier Name)

•**Condition:** Positioning occurs when the user specifies a name or ID for a supplier.

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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 Logic)

•**Trigger:** Called during the search process to refine search criteria.

•**Logic:** This program extracts search strings and populates the search fields.

•**Impact:** This call acts as a **critical filtering step** for supplier searches.

2. JP102R (Condition Update)

•**Trigger:** Invoked when a user selects a supplier for condition updates.

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

•**Impact:** This represents a **key transactional update** in the supplier management process.

3. JP120R (Freight Condition Update)

•**Trigger:** Called when freight conditions are being managed.

•**Logic:** This program updates freight-related conditions for suppliers.

•**Impact:** This is a **significant modification step** for freight management in supplier transactions.