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 suppliers are selected from a list and how conditions related to them are processed.

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 various operations such as searching, positioning, and updating supplier conditions.

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Order Status and Header Rules

JP100R: jlevpfr, jbetpfr, jfbepfr

1. Supplier Selection

•**Logic:** The program allows users to select suppliers from a list based on various search criteria.

•**File:** jlevpfr (Supplier Level 1)

•**Field:** jlevl1_ldor

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

2. Condition Check

•**Logic:** The program checks for existing conditions related to the selected supplier and updates the display accordingly.

•**File:** jbetpfr (Supplier Conditions)

•**Field:** jbetl1_ldor

•**Condition:** The program will not display a condition if jbetl1_ldor does not match the selected supplier.

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Configuration and Authorization Rules

1. Search Functionality

•**Logic:** Users can perform a search for suppliers based on multiple criteria, which are concatenated into a single search string.

•**Files:**

•jlevpfr (Supplier Level 1)

•jlevl2 (Supplier Level 2)

•**Fields:**

•jlevl1_ldor (from jlevpfr)

•jlevl2_navn (from jlevl2)

•**Condition:** The search will only return results if the concatenated search string matches any of the supplier fields.

2. Subfile Management

•**Logic:** The program manages the display of suppliers in a subfile format, allowing users to navigate through the records.

- **File:** b1sfl (Subfile)
- **Field:** b1valg
- **Condition:** The subfile will only display records if b1valg is set to a valid selection.

Financial and Transactional Rules

1. Condition Update

- **Logic:** When a user selects a supplier, the program checks if there are existing conditions and updates them if necessary.
- **File:** jbetpfr (Supplier Conditions)
- **Fields:**
- •jbetl1_ldor (Supplier ID)
- •b1bet (Condition Indicator)
- **Condition:** The condition will be updated if the supplier ID exists in jbetpfr.

2. Freight Conditions

- **Logic:** The program allows for the updating of freight conditions associated with a supplier.
- **File:** jfbel1 (Freight Conditions)
- **Condition:** The freight condition will only be updated if the supplier ID is found in jfbel1.

Special Conditions (Program-Specific)

1. Subfile Refresh (JP100R)

- **Logic:** The subfile is refreshed to display the latest supplier data based on user actions.
- **File:** b1sfl (Subfile)
- **Field:** b1valg
- **Condition:** The subfile will be refreshed if b1valg indicates a valid selection. Note: This refresh process is crucial for maintaining accurate data display.

2. Positioning Logic (JP100R)

- **Logic:** The program positions the cursor based on user input for either supplier name or supplier ID.
- **File:** jlevpfr (Supplier Level 1)
- **Fields:** jlevl1_ldor (Supplier ID), jlevl2_navn (Supplier Name)
- **Condition:** Positioning will occur if either b2navn or b2ldor is provided 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. AS701R (Search Utility)

- **Trigger:** Called during the search process to extract search terms.
- **Logic:** This program derives search terms from the user's input and prepares them for database queries.
- **Impact:** This call acts as a **critical component** for enabling the search functionality within the main program.

2. JP102R (Condition Update)

•**Trigger:** Invoked when a user selects a supplier to update conditions.

•**Logic:** This program handles the logic for updating supplier conditions based on the selected supplier.

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

3. JP120R (Freight Condition Update)

•**Trigger:** Called when freight conditions need to be updated for a supplier.

•**Logic:** This program manages the update of freight-related conditions.

•**Impact:** Represents the **business logic for freight management**, ensuring that all freight conditions are current and accurate.