

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 processes records related to suppliers and their associated conditions, allowing users to search, select, and manage supplier data through a subfile interface.

Order Status and Header Rules

JP100R: jlevpfr, jbetpfr, jfbepfr

1. Supplier Selection

- Logic:** The program allows users to select suppliers from a list and manage their conditions.
- File:** jlevpfr (Supplier file)
- Field:** jlevl1_ldor
- Condition:** The process will not select a supplier if the supplier number (b2ldor) is not provided or is zero.

2. Condition Management

- Logic:** The program updates conditions for suppliers based on user input and selections made in the subfile.
- File:** jbetpfr (Conditions file)
- Field:** jbetl1_ldor
- Condition:** Conditions will only be updated if the selected supplier's condition is valid and exists in the database.

Configuration and Authorization Rules

1. Search Functionality

- Logic:** Users can search for suppliers based on various criteria, and the results are displayed in a subfile.
- Files:**
 - jlevpfr (Supplier file)
 - jbetpfr (Conditions file)
- Fields:**
 - jlevl1_ldor (Supplier number from jlevpfr)
 - jbetl1_ldor (Condition supplier number from jbetpfr)
- Condition:** The search will only execute if the search text (b2stek) is not blank.

2. Subfile Initialization

- Logic:** The subfile is initialized and populated with supplier data upon starting the program.
- File:** jlevpfr (Supplier file)

- Field:** jlevl2_navn

- Condition:** The subfile will be cleared and repopulated if the user initiates a new search or selection.

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Financial and Transactional Rules

1. Condition Update for Freight

- Logic:** The program allows updates to freight conditions for suppliers based on user selections.

- File:** jfbepfr (Freight conditions file)

- Fields:**

- jfbel1_fldo (Freight condition supplier number)

- b1fbe (Flag indicating if a freight condition exists)

- Condition:** The freight condition will be updated only if the supplier number is valid and exists in the database.

2. Finalizing Supplier Conditions

- Logic:** The program finalizes updates to supplier conditions after processing user inputs.

- File:** jbetpfr (Conditions file)

- Condition:** Final updates will only occur if the user has made valid selections and the conditions are applicable.

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Special Conditions (Program-Specific)

1. Subfile Management (JP100R)

- Logic:** The program manages the display and interaction with a subfile containing supplier data.

- File:** jlevpfr (Supplier file)

- Field:** b1sfl (Subfile record)

- Condition:** The subfile will be refreshed and displayed based on user interactions and selections.

2. Search and Positioning Logic (JP100R)

- Logic:** The program includes logic for searching and positioning within the subfile based on user input.

- File:** jlevpfr (Supplier file)

- Fields:** jlevl2_navn (Supplier name), jlevl1_idor (Supplier number)

- Condition:** Positioning will occur only if the search criteria are met and valid records are found.

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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 extract search terms.

- Logic:** This program retrieves search criteria and prepares them for database querying.

- Impact:** This call acts as a **critical step** in filtering supplier data based on user-defined search terms.

2. JP102R (Condition Update)

- Trigger:** Called when updating conditions for a selected supplier.

- Logic:** This program processes updates to supplier conditions based on user input.
- Impact:** This is a **key function** that ensures supplier conditions are accurately maintained.

3. JP120R (Freight Condition Update)

- Trigger:** Called when updating freight conditions for a selected supplier.
- Logic:** This program updates freight-related conditions based on the selected supplier.
- Impact:** Represents the **finalization of freight conditions**, ensuring they are correctly applied to the supplier records.