SR100R.MBR

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Business Logic for SR100R

This document outlines the business rules that govern the maintenance of the parameter file for purchasing, based on an analysis of the RPG program SR100R. The primary focus is on the logic that handles user interactions and data processing related to the parameter settings for purchasing.

The core logic for maintaining the parameter file is contained within the various subroutines in SR100R. The program processes user inputs, updates records, and manages subfile displays for parameter entries.

Order Status and Header Rules

SR100R: slpml1, ausrl1, slpmlur

1. Display Details

•**Logic:** The program displays details of the selected parameter entry. If the entry is marked for deletion, only deletion is allowed.

•**File:** slpml1 (Parameter file for purchasing)

•**Field:** b1valg

•**Condition:** The details are shown only if ww_detaljer is set to '1' and the action is not deletion.

2. Create New Entry

•**Logic:** When the user selects to create a new entry, the program initializes fields and displays the new entry form.

•**File:** slpml1 (Parameter file for purchasing)

•**Field:** b2type

•**Condition:** Triggered when b2valg is set to '1'.

Configuration and Authorization Rules

1. User Access Control

•**Logic:** The program checks if the user has access to the parameter settings based on their user ID.

•**Files:**

•ausrl1 (User access file)

•slpml1 (Parameter file for purchasing)

•**Fields:**

•ausrl1_user (User ID from ausrl1)

•srfirm (Firm ID from slpml1)

•**Condition:** Access is granted if the user ID matches and the firm ID is valid.

2. Parameter Update

•**Logic:** Updates the parameter settings based on user input.

•**File:** slpmlur (Updated parameter file)

•**Field:** srtype
•**Condition:** The update occurs when a valid entry is selected and the user confirms the action.

Financial and Transactional Rules

1. Delete Parameter Entry

•**Logic:** The program allows deletion of a parameter entry if it is marked for deletion.

•**File:** slpmlur (Updated parameter file)

•**Fields:**

•srrest (Remaining stock)

•wwtext_00 (Text description)

•**Condition:** The entry is deleted if b1valg is set to '4' and the user confirms the deletion.

2. Copy Parameter Entry

•**Logic:** Allows the user to copy an existing parameter entry to create a new one.

•**File:** slpmlur (Updated parameter file)

•**Condition:** Triggered when b1valg is set to '3'.

Special Conditions (Program-Specific)

1. User Statistics Handling (SR100R)

•**Logic:** The program retrieves user statistics based on the selected parameter type.

•**File:** ausrl1 (User access file)

•**Field:** ausrl1_user

•**Condition:** Triggered when b2type is set to '*USER'.

2. Time Statistics Handling (SR100R)

•**Logic:** The program retrieves time statistics and updates the parameter settings accordingly.

•**File:** slpmlur (Updated parameter file)

•**Fields:** wwrest_00, wwtype

•**Condition:** Triggered when b2type is set to '*TIME'.

Subprogram Calls Affecting Logic

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

1. SR111R (Main Group Handling)

•**Trigger:** Called when the user selects the main group option from the menu.

•**Logic:** Handles the processing of main group parameters.

•**Impact:** This call is essential for managing the main group settings.

2. SR112R (Subgroup Handling)

•**Trigger:** Called when the user selects the subgroup option.

•**Logic:** Processes subgroup parameters.

•**Impact:** This affects the subgroup settings and their associated parameters.

3. SR610C (Purchase Statistics Printing)

•**Trigger:** Called when the user opts to print purchase statistics.

•**Logic:** Generates and prints the purchase statistics report.

•**Impact:** Represents the handoff to the reporting function for purchase statistics.

4. SR620C (Quantity Statistics Printing)

•**Trigger:** Called when the user opts to print quantity statistics.

•**Logic:** Generates and prints the quantity statistics report.

•**Impact:** Represents the handoff to the reporting function for quantity statistics.

This documentation provides a comprehensive overview of the business logic implemented in the SR100R program, detailing the rules and conditions that govern the maintenance of the parameter file for purchasing.