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 in the ASSTAT system, based on an analysis of the RPG program SR100R. The primary focus is on the logic related to user interactions with the subfile and the processing of parameter records.

The core logic for maintaining the parameter file is contained within the *inzsr subroutine in SR100R. The program handles user input for creating, updating, deleting, and displaying records in a subfile, which represents the parameter records.

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Order Status and Header Rules

SR100R: slpml1, ausrl1, slpmlur

1. Check for Existing Records

•**Logic:** The program checks if a record already exists in the subfile before allowing updates or deletions.

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

•**Field:** wwfirm

•**Condition:** The process will not allow updates if the record's firm does not match the current user's firm.

2. Display Details

•**Logic:** When details are requested, the program will display the current record's details and allow for specific actions based on user input.

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

•**Field:** b1valg

•**Condition:** The details will only be shown if the ww_detaljer flag is set to '1'.

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Configuration and Authorization Rules

1. User Authorization Check

•**Logic:** The program checks if the current user has the necessary permissions to access or modify the records.

•**Files:**

•ausrl1 (User authorization file)

•slpml1 (Parameter file for purchasing)

•**Fields:**

•ausrl1_user (from ausrl1)

•wwfirm (from slpml1)

•**Condition:** The user must be authorized for the firm they are trying to access.

2. Parameter Initialization

•**Logic:** The program initializes parameters based on the current context and user settings.

- **File:** slpmlur (Updated parameter file)
- **Field:** srfirm
- **Condition:** The parameters are initialized only if the user is authorized and the firm matches.

Financial and Transactional Rules

1. Record Creation

- **Logic:** New records can be created based on user input, and the program will populate default values where necessary.
- **File:** slpml1 (Parameter file for purchasing)
- **Fields:**
- b1type (Record type)
- b1text (Record description)
- **Condition:** A new record will be created if the user selects the appropriate option and all required fields are filled.

2. Record Deletion

- **Logic:** The program allows for the deletion of records, ensuring that the user confirms the deletion action.
- **File:** slpmlur (Updated parameter file)
- **Condition:** Records can only be deleted if the ww_detaljer flag is set to '1' and the user confirms the action.

Special Conditions (Program-Specific)

1. Subfile Handling (SR100R)

- **Logic:** The program handles the display and interaction with a subfile, allowing users to navigate and select records for processing.
- **File:** b1sfl (Subfile for displaying parameter records)
- **Field:** b1valg
- **Condition:** The subfile will only display records that match the current user's firm and the selected criteria.

2. Parameter Update Logic (SR100R)

- **Logic:** When updating parameters, the program checks for existing values and updates them accordingly.
- **File:** slpmlur (Updated parameter file)
- **Fields:** srtype, srkode
- **Condition:** The update will only proceed if the user has selected a valid record and confirmed the action.

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.

•**Logic:** This program handles the main group parameters and updates the relevant fields.

•**Impact:** This call acts as a **major logical gateway** for managing group parameters.

2. SR112R (Subgroup Handling)

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

•**Logic:** This program processes subgroup parameters and updates the relevant fields.

•**Impact:** This call allows for detailed subgroup management, affecting the overall parameter structure.

3. SR113R (Discount Group Handling)

•**Trigger:** Called when the user selects the discount group option.

•**Logic:** This program manages discount parameters and updates the relevant fields.

•**Impact:** This call represents the handoff to managing financial aspects of the parameters, ensuring that discounts are applied correctly.