

SR100R.MBR

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Business Logic for ASSTAT Parameter File Maintenance

This document outlines the business rules that govern the maintenance of the parameter file for procurement 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 parameter file, including creating, updating, deleting, and displaying records.

The core logic for handling the parameter file is contained within the *inzsr subroutine in SR100R. The program processes records from the parameter file, allowing users to perform various actions based on their selections in a subfile interface.

Order Status and Header Rules

Parameter Maintenance: slpml1, slpmlur

1. Check for Existing Records

- Logic:** The program checks if a record exists in the subfile before allowing any modifications or deletions.
- File:** slpml1 (Parameter file for procurement)
- Field:** b1valg
- Condition:** The process will not allow updates if b1valg is not equal to '1', '2', '3', or '4'.

2. Display Details

- Logic:** If the user requests to view details, the program will set a flag to indicate that details should be displayed.
- File:** b1sfl (Subfile for displaying records)
- Field:** ww_detaljer
- Condition:** The details will only be shown if ww_detaljer is equal to '1'.

Configuration and Authorization Rules

1. User and Time Statistics Handling

- Logic:** The program retrieves user or time statistics based on the type specified by the user.
- Files:**
 - ausrl1 (User statistics file)
 - slpml1 (Parameter file)
- Fields:**
 - b2type (Type of statistics)
 - wwtype (Parameter type)
- Condition:** If b2type is '*USER', the program fetches user details; if '*TIME', it fetches the current time.

2. Record Creation

- Logic:** The program allows the creation of new records based on user input.

- File:** slpmlur (Updated parameter file)
- Field:** srtype
- Condition:** A new record is created if b2valg is equal to '1'.

Financial and Transactional Rules

1. Record Deletion

- Logic:** The program allows deletion of records if the user confirms the action.
- File:** slpmlur (Updated parameter file)
- Fields:**
 - b1type (Type of parameter)
 - b1kode (Code of parameter)
- Condition:** Deletion occurs if b1valg is equal to '4'.

2. Record Update

- Logic:** The program updates existing records based on user input.
- File:** slpmlur (Updated parameter file)
- Condition:** Updates are processed if b1valg is equal to '2'.

Special Conditions (Program-Specific)

1. Subfile Handling (SR100R)

- Logic:** The program manages the subfile display and updates based on user interactions.
- File:** b1sfl (Subfile for displaying records)
- Field:** b1valg
- Condition:** The program processes user selections from the subfile, allowing for viewing, editing, or deleting records based on the value of b1valg.

2. Sorting and Selection Logic (SR100R)

- Logic:** The program allows users to sort and select records based on various criteria.
- File:** slpml1 (Parameter file)
- Fields:** b1type, b1text
- Condition:** Sorting is based on user selections and is triggered when b2valg is equal to '8' or '9'.

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 grouping logic for parameters.
- Impact:** This call allows users to categorize parameters effectively.

2. SR112R (Subgroup Handling)

- Trigger:** Called when the user selects a subgroup option.
- Logic:** This program manages subgroup parameters.
- Impact:** It allows for more detailed categorization of parameters.

3. SR610C (Procurement Statistics Print)

- Trigger:** Called when the user requests to print procurement statistics.
- Logic:** This program generates and formats procurement statistics for output.
- Impact:** It provides essential reporting capabilities for procurement data.

4. SR620C (Quantity Statistics Print)

- Trigger:** Called when the user requests to print quantity statistics.
- Logic:** This program formats and outputs quantity statistics.
- Impact:** It enhances reporting capabilities for inventory management.

5. SR141R (Period Selection Handling)

- Trigger:** Called when the user selects period-based filtering.
- Logic:** This program handles filtering records based on specified periods.
- Impact:** It allows users to analyze data over specific timeframes.

Use clear, business-friendly language. Fill in all sections with details from the code. Output only the Markdown.