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 procurement in the ASSTAT system, based on an analysis of the RPG program SR100R. The primary focus is on the logic for handling user interactions and data management within the procurement parameter file.

The core logic for maintaining the parameter file is contained within the *inzsr subroutine in SR100R. This subroutine initializes the program, sets up keys for file access, and prepares the environment for user interactions.

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Order Status and Header Rules

SR100R: slpml1, ausrl1, slpmlur

1. Check Company in Subfile

•**Logic:** The program checks if the current company matches the one in the subfile before processing records.

•**File:** slpml1 (Main parameter file for procurement)

•**Field:** srfirm

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

2. Display Details

•**Logic:** If the details flag is set, the program allows only deletion of records.

•**File:** b1sfl (Subfile for displaying records)

•**Field:** b1valg

•**Condition:** The display will show details only if ww_detaljer is equal to '1' and b1valg is not equal to '4'.

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Configuration and Authorization Rules

1. User Statistics Handling

•**Logic:** When the user type is '*USER', the program retrieves user-specific details.

•**Files:**

•ausrl1 (User details file)

•slpml1 (Main parameter file)

•**Fields:**

•dsuser (Current user)

•b2type (User type)

•**Condition:** The process will retrieve user details if b2type is '*USER'.

2. Time Statistics Handling

•**Logic:** When the user type is '*TIME', the program records the current time.

•**File:** slpml1 (Main parameter file)

•**Field:** b2type

•**Condition:** The process will record the time when b2type is '*TIME'.

Financial and Transactional Rules

1. Record Creation

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

•**File:** slpml1 (Main parameter file)

•**Fields:**

•b2type (Type of record)

•srfirm (Company)

•**Condition:** A record will be created if b2valg is '1'.

2. Record Deletion

•**Logic:** The program allows deletion of existing records based on user selection.

•**File:** slpml1 (Main parameter file)

•**Condition:** A record will be deleted if b2valg is '4'.

Special Conditions (Program-Specific)

1. Subfile Management (SR100R)

•**Logic:** The program manages the display and interaction with the subfile, ensuring that user selections are processed correctly.

•**File:** b1sfl (Subfile for displaying records)

•**Field:** b1valg

•**Condition:** The program will process user selections based on the value of b1valg. If b1valg is '2', '3', or '4', specific actions are taken.

2. Parameter Updates (SR100R)

•**Logic:** The program updates parameters based on user input and selections.

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

•**Fields:** srtype, srkode

•**Condition:** The parameters will be updated when the user confirms their selections.

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:** Handles the main group processing and updates the relevant parameters.

•**Impact:** This call allows for the management of main group records within the procurement system.

2. SR112R (Subgroup Handling)

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

•**Logic:** Manages subgroup records and updates parameters accordingly.

•**Impact:** This call facilitates subgroup management within the procurement parameters.

3. SR113R (Discount Group Handling)

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

•**Logic:** Processes records related to discount groups.

•**Impact:** This call allows for the management of discount group records, impacting pricing strategies.

4. SR114R (Overgroup Handling)

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

•**Logic:** Manages records related to overgroups.

•**Impact:** This call facilitates the management of overgroup records, affecting procurement strategies.

5. SR115R (Main Group Nobb Handling)

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

•**Logic:** Processes records related to main group Nobb.

•**Impact:** This call allows for the management of main group Nobb records, impacting procurement strategies.

6. SR116R (Subgroup Nobb Handling)

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

•**Logic:** Manages subgroup Nobb records.

•**Impact:** This call facilitates the management of subgroup Nobb records, affecting procurement strategies.

7. SR121R (Supplier Category Handling)

•**Trigger:** Called when the user selects the supplier category option.

•**Logic:** Processes records related to supplier categories.

•**Impact:** This call allows for the management of supplier category records, impacting procurement strategies.

8. SR122R (Discount Category Handling)

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

•**Logic:** Manages records related to discount categories.

•**Impact:** This call facilitates the management of discount category records, affecting pricing strategies.

9. SR123R (District Handling)

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

•**Logic:** Processes records related to districts.

•**Impact:** This call allows for the management of district records, impacting procurement strategies.

10. SR124R (Seller Handling)

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

•**Logic:** Manages records related to sellers.

•**Impact:** This call facilitates the management of seller records, affecting procurement strategies.

1. SR125R (Country Handling)

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

•**Logic:** Processes records related to countries.

•**Impact:** This call allows for the management of country records, impacting procurement strategies.

1. SR131R (Item Number Range Handling)

•**Trigger:** Called when the user selects the item number range option.

•**Logic:** Manages records related to item number ranges.

•**Impact:** This call facilitates the management of item number range records, affecting procurement strategies.

1. SR132R (Supplier Number Range Handling)

•**Trigger:** Called when the user selects the supplier number range option.

•**Logic:** Processes records related to supplier number ranges.

•**Impact:** This call allows for the management of supplier number range records, impacting procurement strategies.

1. SR141R (Period Handling)

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

•**Logic:** Manages records related to periods.

•**Impact:** This call facilitates the management of period records, affecting procurement strategies.

1. SR142R (Invoice/Credit Note Number Handling)

•**Trigger:** Called when the user selects the invoice/credit note number option.

•**Logic:** Processes records related to invoice/credit note numbers.

•**Impact:** This call allows for the management of invoice/credit note number records, impacting procurement strategies.

1. SR143R (Invoice Date Handling)

•**Trigger:** Called when the user selects the invoice date option.

•**Logic:** Manages records related to invoice dates.

•**Impact:** This call facilitates the management of invoice date records, affecting procurement strategies.

1. SR144R (Campaign Handling)

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

•**Logic:** Processes records related to campaigns.

•**Impact:** This call allows for the management of campaign records, impacting procurement strategies.

1. SR151R (Order Type Handling)

•**Trigger:** Called when the user selects the order type option.

•**Logic:** Manages records related to order types.

•**Impact:** This call facilitates the management of order type records, affecting procurement strategies.

1. SR152R (Department Handling)

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

•**Logic:** Processes records related to departments.

•**Impact:** This call allows for the management of department records, impacting procurement strategies.

1. SR153R (Warehouse Handling)

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

•**Logic:** Manages records related to warehouses.

•**Impact:** This call facilitates the management of warehouse records, affecting procurement strategies.

1. SR154R (Product Responsible Handling)

•**Trigger:** Called when the user selects the product responsible option.

•**Logic:** Processes records related to product responsibilities.

•**Impact:** This call allows for the management of product responsible records, impacting procurement strategies.