

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 for handling user interactions with parameter records, including creating, updating, deleting, and displaying records.

The core logic for managing parameter records is contained within the xdsp01 subroutine in SR100R. The program processes records from the slpml1 file, which holds the parameter data, and utilizes a subfile for user interaction.

Order Status and Header Rules

SR100R: slpml1, ausrl1, slpmlur

1. Display Details

- Logic:** The program checks if there are any records to display. If records exist, it updates the display control indicators.
- File:** slpml1 (Parameter records)
- Field:** srrn01
- Condition:** The display will show details if srrn01 is not zero.

2. User Statistics Retrieval

- Logic:** If the parameter type is '*USER', the program retrieves user details from the ausrl1 file.
- File:** ausrl1 (User records)
- Field:** ausrl1_user
- Condition:** Triggered when b2type equals '*USER'.

Configuration and Authorization Rules

1. Record Creation

- Logic:** When a new record is created, the program initializes the necessary fields and prepares for user input.
- Files:**
 - slpml1 (Parameter records)
 - slpmlur (Updated parameter records)
- Fields:**
 - wwtype (Type of parameter)
 - wwkode (Code for parameter)
- Condition:** Triggered when b2valg equals '1' (New record).

2. Record Update

- Logic:** The program allows updating of existing records based on user selection.
- File:** slpml1 (Parameter records)
- Field:** b1type

- Condition:** Triggered when b1valg equals '2' (Update record).
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Financial and Transactional Rules

1. Record Deletion

- Logic:** The program checks if a record can be deleted based on user input and existing conditions.
- File:** slpmlur (Updated parameter records)
- Fields:**
 - wwrest_00 (Record details)
 - b1text (Text description)
- Condition:** Triggered when b1valg equals '4' (Delete record).

2. Record Copying

- Logic:** The program allows copying of existing records into new entries.
 - File:** slpml1 (Parameter records)
 - Condition:** Triggered when b1valg equals '3' (Copy record).
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Special Conditions (Program-Specific)

1. Subfile Management (SR100R)

- Logic:** The program manages the subfile display and user interactions, ensuring that only valid selections are processed.
- File:** slpml1 (Parameter records)
- Field:** b1valg
- Condition:** The program checks for valid user input in the subfile and updates accordingly.

2. Parameter Initialization (SR100R)

- Logic:** The program initializes parameters and sets up keys for record positioning.
 - File:** slpml1 (Parameter records)
 - Fields:** wwfirm, wwtype
 - Condition:** Executed at the start of the program to prepare the environment.
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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. SR111R (Main Group Handling)

- Trigger:** Called when the user selects the main group option.
- Logic:** Handles the main group parameter processing.
- Impact:** This call allows the user to manage main group parameters effectively.

2. SR112R (Subgroup Handling)

- Trigger:** Called when the user selects the subgroup option.
- Logic:** Processes subgroup parameters.
- Impact:** Facilitates subgroup management within the parameter file.

3. SR113R (Discount Group Handling)

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

- Logic:** Manages discount group parameters.

- Impact:** This call allows for effective handling of discount-related parameters.

4. SR114R (Overgroup Handling)

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

- Logic:** Processes overgroup parameters.

- Impact:** Supports management of overgroup parameters in the system.

5. SR115R (Main Group Nobb Handling)

- Trigger:** Called for handling main group parameters specific to Nobb.

- Logic:** Manages Nobb-specific parameters.

- Impact:** Ensures that Nobb-related parameters are handled correctly.

6. SR116R (Subgroup Nobb Handling)

- Trigger:** Called for handling subgroup parameters specific to Nobb.

- Logic:** Processes subgroup parameters for Nobb.

- Impact:** Facilitates subgroup management for Nobb parameters.

7. SR121R (Supplier Category Handling)

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

- Logic:** Manages supplier category parameters.

- Impact:** Supports effective handling of supplier categories.

8. SR122R (Discount Category Handling)

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

- Logic:** Processes discount category parameters.

- Impact:** Facilitates management of discount categories.

9. SR123R (District Handling)

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

- Logic:** Manages district parameters.

- Impact:** Supports effective district management.

10. SR124R (Seller Handling)

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

- Logic:** Processes seller parameters.

- Impact:** Facilitates seller management.

11. SR125R (Country Handling)

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

- Logic:** Manages country parameters.

- Impact:** Supports effective country management.

12. SR131R (From/To Item Number Handling)

- Trigger:** Called for handling item number parameters.

- Logic:** Processes item number parameters.

- Impact:** Facilitates management of item number parameters.

13. SR132R (From/To Supplier Number Handling)

- Trigger:** Called for handling supplier number parameters.

- Logic:** Processes supplier number parameters.

- Impact:** Supports effective supplier number management.

14. SR141R (From/To Period Handling)

- Trigger:** Called for handling period parameters.

- Logic:** Processes period parameters.

- Impact:** Facilitates management of period parameters.

15. SR142R (From/To Invoice/Credit Note Number Handling)

- Trigger:** Called for handling invoice/credit note parameters.

- Logic:** Processes invoice/credit note parameters.

- Impact:** Supports effective management of invoice/credit note parameters.

16. SR143R (From/To Invoice Date Handling)

- Trigger:** Called for handling invoice date parameters.

- Logic:** Processes invoice date parameters.

- Impact:** Facilitates management of invoice date parameters.

17. SR144R (Campaign Handling)

- Trigger:** Called for handling campaign parameters.

- Logic:** Processes campaign parameters.

- Impact:** Supports effective campaign management.

18. SR151R (Order Type Handling)

- Trigger:** Called for handling order type parameters.

- Logic:** Processes order type parameters.

- Impact:** Facilitates management of order type parameters.

19. SR152R (Department Handling)

- Trigger:** Called for handling department parameters.

- Logic:** Processes department parameters.

- Impact:** Supports effective department management.

20. SR153R (Warehouse Handling)

- Trigger:** Called for handling warehouse parameters.

- Logic:** Processes warehouse parameters.

- Impact:** Facilitates management of warehouse parameters.

21. SR154R (Product Responsible Handling)

- Trigger:** Called for handling product responsible parameters.

- Logic:** Processes product responsible parameters.

- Impact:** Supports effective management of product responsibilities.

This documentation provides a comprehensive overview of the business logic for the SR100R program, detailing the rules and processes involved in managing parameter records for purchasing.