

SP100R.MBR

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Business Logic for SP100R

This document outlines the business rules that govern the maintenance of the parameter file within the ASSTAT system, based on an analysis of the RPG program SP100R. The primary focus is on the logic related to the handling of parameters and the associated subfile operations.

The core logic for maintaining the parameter file is contained within the *inzsr subroutine in SP100R. The program processes user inputs and manages records in the parameter file, allowing for the creation, modification, deletion, and display of parameters.

Parameter Management and Subfile Rules

SP100R: skpml1, ausrl1, skpmlu

1. Create Parameter

- Logic:** A new parameter can be created if the corresponding input flag is set. The program will initialize the necessary fields and write the new record to the parameter file.
- File:** skpml1 (Parameter Register)
- Field:** wwtype, wwkode, wwvalg
- Condition:** The process will create a new record if *inkf (insert flag) is set to *on.

2. Update Parameter

- Logic:** Existing parameters can be updated based on user input. The program checks if the record exists and updates the fields accordingly.
- File:** skpml1 (Parameter Register)
- Field:** wwtype, wwkode, wwvalg
- Condition:** The process will update a record if *in10 (update flag) is set to *on and the record is found.

3. Delete Parameter

- Logic:** Parameters can be deleted if the user selects the delete option. The program will remove the record from the parameter file.
- File:** skpml1 (Parameter Register)
- Field:** wwtype
- Condition:** The process will delete a record if b1valg (user selection) is equal to '4'.

4. Display Parameter

- Logic:** The program allows users to view details of a parameter. It retrieves the selected record and displays it on the screen.
- File:** skpml1 (Parameter Register)
- Field:** wwtext
- Condition:** The process will display a record if b1valg is equal to '5'.

User and Time Statistics Rules

1. User Statistics Handling

- Logic:** When the parameter type is set to '*USER', the program retrieves user-related statistics from the user file.
- File:** ausrl1 (User File)
- Field:** ausrl1_user, wwtext
- Condition:** The process will fetch user statistics if b2type is equal to '*USER'.

2. Time Statistics Handling

- Logic:** When the parameter type is set to '*TIME', the program captures the current date and time for statistical purposes.
- File:** skpml1 (Parameter Register)
- Field:** ww_time, ww_ddmm
- Condition:** The process will capture time statistics if b2type is equal to '*TIME'.

Special Conditions (Program-Specific)

1. Record Existence Check

- Logic:** Before creating or updating a parameter, the program checks if the record already exists in the parameter file.
- File:** skpml1 (Parameter Register)
- Field:** wwfirm
- Condition:** The process will skip the record if spfirm does not match wwfirm.

2. Subfile Management

- Logic:** The program manages a subfile that displays the current parameters. It allows users to interact with the displayed records for updates or deletions.
- File:** b1sfl (Subfile)
- Fields:** b1type, b1kode, b1val1
- Condition:** The subfile is populated and displayed based on user selections and actions performed.

Subprogram Calls Affecting Logic

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

1. SP111R (Main Group Handling)

- Trigger:** Called when the user selects the main group option.
- Logic:** Handles operations related to the main group parameters.
- Impact:** This call allows for the management of main group parameters and their associated records.

2. SP112R (Subgroup Handling)

- Trigger:** Called when the user selects the subgroup option.
- Logic:** Manages subgroup parameters and their details.
- Impact:** This call enables the handling of subgroup-specific parameters.

3. SP124R (Seller Order Handling)

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

- Logic:** Manages parameters related to seller orders.

- Impact:** This call is crucial for managing seller order parameters and ensuring they are correctly processed.

This documentation provides a comprehensive overview of the business logic contained within the SP100R program, detailing the rules and conditions that govern the management of parameters within the ASSTAT system.