

SP100R.MBR

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Business Logic for SP100R

This document outlines the business rules that govern the maintenance of parameter files within the ASSTAT system, based on an analysis of the RPG program SP100R. The primary focus is on the handling of parameter records, including creation, modification, deletion, and display logic. The core logic for maintaining parameter files is contained within the *inzsr subroutine in SP100R. The program processes user inputs and interacts with various data files to manage parameter records effectively.

Order Status and Header Rules

SP100R: SP100D

1. Check for Existing Records

- **Logic:** The program checks if a record already exists in the parameter file before allowing modifications or deletions.
- **File:** SP100D (Parameter file)
- **Field:** wwfir
- **Condition:** The process will not select a record if spfirm is not equal to wwfir.

2. Display Details

- **Logic:** If details are requested, the program prepares to display the current parameter values.
- **File:** SP100D (Parameter file)
- **Field:** wwtext
- **Condition:** The display will show details only if ww_detaljer is set to '1'.

Configuration and Authorization Rules

1. User Authorization Check

- **Logic:** The program checks if the user has the necessary permissions to modify parameters.
- **Files:**
 - AUSRL1 (User file)
 - SP100D (Parameter file)
- **Fields:**
 - ausrl1_user (from AUSRL1)
 - wwfir (from SP100D)
- **Condition:** The user must be authorized based on their entry in the AUSRL1 file.

2. Parameter Initialization

- **Logic:** Initializes parameters for new entries based on user input and defaults.
- **File:** SP100D (Parameter file)
- **Field:** wwtpe
- **Condition:** The program sets default values if no user input is provided.

Financial and Transactional Rules

1. Record Creation

- **Logic:** When creating a new parameter record, the program populates fields with user input and defaults.
- **File:** SP100D (Parameter file)
- **Fields:**
 - wwtpe (Parameter type)
 - wwkode (Parameter code)
- **Condition:** A new record is created only if the user selects the appropriate option.

2. Record Deletion

- **Logic:** The program allows deletion of a parameter record if the user confirms the action.
- **File:** SP100D (Parameter file)
- **Condition:** Deletion is permitted only if b1valg is set to '4'.

Special Conditions (Program-Specific)

1. Handling Subfile Operations (SP100R)

- **Logic:** The program manages subfile operations for displaying and manipulating parameter records.
- **File:** SP100D (Parameter file)
- **Field:** b1sfl
- **Condition:** The program processes user selections in the subfile and updates records accordingly.

2. Parameter Copying (SP100R)

- **Logic:** The program allows copying of existing parameter records to create new entries.
- **File:** SP100D (Parameter file)
- **Fields:** wwtpe (New type), wwkode (New code)
- **Condition:** Copying is initiated when the user selects the appropriate option.

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 the main group parameters and updates the display.
- **Impact:** This call allows for the management of main group parameters.

2. SP112R (Subgroup Handling)

- **Trigger:** Called when the user selects the subgroup option.
- **Logic:** Manages subgroup parameters and updates the display.
- **Impact:** This call is essential for subgroup parameter management.

3. SP124R (Order Seller Handling)

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

•Logic: Manages parameters related to order sellers.

•Impact: This call represents the handoff to manage order seller-specific parameters.

This documentation provides a comprehensive overview of the business logic encapsulated in the SP100R program, detailing how it interacts with user inputs and data files to maintain parameter records effectively.