

SP100R.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 in the ASSTAT system, based on an analysis of the RPG program SP100R. The primary focus is on the logic related to handling user interactions with the parameter file, including creating, updating, deleting, and displaying records.

The core logic for maintaining the parameter file is contained within the *inzsr subroutine in SP100R. The program processes user inputs to manipulate records in the parameter file, ensuring that the correct actions are taken based on user selections.

Order Status and Header Rules

ASSTAT: SP100D

1. Check for Existing Records

- **Logic:** The program checks if a record already exists in the parameter file before allowing updates or deletions.

- **File:** SP100D (Parameter file)

- **Field:** wwfirms

- **Condition:** The process will not allow updates if spfirm does not match wwfirms.

2. Display Records

- **Logic:** If records exist, they are displayed in a subfile for user interaction.

- **File:** SP100D (Parameter file)

- **Field:** srrn01

- **Condition:** The display will only show records if srrn01 is not zero.

Configuration and Authorization Rules

1. User Permissions Check

- **Logic:** The program verifies user permissions before allowing access to certain functions.

- **Files:**

- AUSRL1 (User file)

- SP100D (Parameter file)

- **Fields:**

- ausrl1_user (from AUSRL1)

- wwfirms (from SP100D)

- **Condition:** Access is granted only if the user is authorized based on their role.

2. Parameter Creation

- **Logic:** New parameters can be created if the user has the appropriate permissions.

- **File:** SP100D (Parameter file)

- **Field:** wwtypes

- **Condition:** The creation process is initiated if the user selects the "Create" option.

Financial and Transactional Rules

1. Record Deletion

- **Logic:** The program allows for the deletion of records based on user confirmation.

- **File:** SP100D (Parameter file)

- **Fields:**

- wctype (Type of parameter)

- wwkode (Code of parameter)

- **Condition:** Deletion is permitted only if the user selects the "Delete" option and confirms the action.

2. Record Update

- **Logic:** Existing records can be updated with new values.

- **File:** SP100D (Parameter file)

- **Condition:** The update process is initiated if the user selects the "Update" option.

Special Conditions (Program-Specific)

1. Subfile Handling (SP100R)

- **Logic:** The program manages a subfile to display and interact with parameter records.

- **File:** SP100D (Parameter file)

- **Field:** b1sfl

- **Condition:** The subfile is populated based on the records in the parameter file. If no records exist, the subfile will indicate this.

2. Record Copying (SP100R)

- **Logic:** The program allows users to copy existing records to create new ones.

- **File:** SP100D (Parameter file)

- **Fields:** wctype, wwkode

- **Condition:** Copying is initiated if the user selects the "Copy" 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 a main group option.

- **Logic:** This program handles the logic for main group parameters.

- **Impact:** It determines the flow of control based on the selected main group.

2. SP112R (Subgroup Handling)

- **Trigger:** Called when the user selects a subgroup option.

- **Logic:** This program manages subgroup parameters.

- **Impact:** It defines the subgroup parameters that will be processed.

3. SP124R (Seller Order Handling)

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

•Logic: This program processes seller order parameters.

•Impact: It impacts the handling of seller-specific data in the parameter file.

This documentation provides a comprehensive overview of the business logic encapsulated in the SP100R program, focusing on the maintenance of the parameter file within the ASSTAT system.