

SP100R.MBR

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Business Logic for SP100R

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 that handles user interactions with the parameter file and the associated subfile operations. The core logic for maintaining the parameter file is contained within the *inzsr subroutine in SP100R. This subroutine initializes the program, sets up keys for file access, and manages user input for creating, updating, and deleting parameter records.

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 an update or deletion.
- File:** SP100D (Parameter file)
- Field:** wwfirm
- Condition:** The process will not allow updates if the current firm's identifier does not match the record's firm identifier.

2. Display Subfile

- Logic:** The program displays records in a subfile format for user interaction.
- File:** SP100D (Parameter file)
- Field:** srrn01
- Condition:** The subfile will only display if there are records to show (i.e., srrn01 is not zero).

Configuration and Authorization Rules

1. User Authorization Check

- Logic:** The program checks if the user has the necessary permissions to perform actions on the parameter file.
- Files:**
 - AUSRL1 (User permissions file)
 - SP100D (Parameter file)
- Fields:**
 - ausrl1_user (from AUSRL1)
 - wwfirm (from SP100D)
- Condition:** The user must be authorized for the firm associated with the parameter records.

2. Parameter Initialization

- Logic:** Initializes parameters for user input and sets default values.
- File:** SP100D (Parameter file)
- Field:** wwtype

- Condition:** The program sets default values for wwtype, wwcode, and wwvalg upon initialization.
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Financial and Transactional Rules

1. Record Creation

- Logic:** Allows the creation of new parameter records based on user input.
- File:** SP100D (Parameter file)
- Fields:**
 - wwtype (Parameter type)
 - wwcode (Parameter code)
- Condition:** The creation process is triggered when the user selects the option to create a new record.

2. Record Deletion

- Logic:** Deletes a parameter record from the file based on user selection.
 - File:** SP100D (Parameter file)
 - Condition:** The deletion is only allowed if the user has selected a record and confirmed the deletion action.
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Special Conditions (Program-Specific)

1. Subfile Operations (SP100R)

- Logic:** Handles operations related to the subfile, including reading, updating, and displaying records.
- File:** SP100D (Parameter file)
- Field:** b1sfl
- Condition:** The program checks for user actions in the subfile and processes them accordingly.

2. Parameter Update Logic (SP100R)

- Logic:** Updates existing parameter records based on user input and selections.
 - File:** SP100D (Parameter file)
 - Fields:** wwtype, wwcode, wwvalg
 - Condition:** The update is performed only if the user has selected a valid record and provided new values.
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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. SP111R (Main Group Management)

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

2. SP112R (Subgroup Management)

- Trigger:** Called when the user selects the subgroup option.
- Logic:** Handles operations related to subgroups in the parameter file.

- Impact:** This call enables the management of subgroup parameters and their associated records.

3. SP124R (Seller Order Management)

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

- Logic:** Manages operations related to seller orders in the parameter file.

- Impact:** This call allows for the management of seller order parameters and their associated records.

This documentation provides a comprehensive overview of the business logic implemented in the SP100R program, focusing on the maintenance of the parameter file and the associated user interactions.