SB100R.MBR

Path: NXCLOUD/rpgsrc/SB100R.MBR **Generated**: 2026-01-09 10:13:45 **Processing Time**: 12339ms

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Business Logic for ASSTAT Budget Level Maintenance

This document outlines the business rules that govern the maintenance of the budget level register within the ASSTAT system, based on an analysis of the RPG program SB100R. The primary focus is on how budget levels are created, modified, displayed, and deleted.

The core logic for budget level maintenance is contained within various subroutines throughout the SB100R program. The program handles user interactions via a subfile interface, allowing users to perform operations such as creating new records, modifying existing records, and deleting records.

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Order Status and Header Rules

Budget Level Maintenance: BUDGET_LEVEL_REGISTER

1. Create New Record

•**Logic:** A new budget level record is created when the user selects the option for a new entry.

•**File:** BUDGET_LEVEL_REGISTER (Contains budget level data)

•**Field:** wwkode

•**Condition:** The process will initiate a new record creation if the user input indicates a new record (*inkf = *on).

2. Modify Existing Record

•**Logic:** An existing budget level record can be modified when the user selects the modify option.

•**File:** BUDGET_LEVEL_REGISTER

•**Field:** wwkode

•**Condition:** The modification occurs if the user selects the modify option (b1valg = ' 2').

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Configuration and Authorization Rules

1. Delete Record

•**Logic:** A budget level record is deleted when the user selects the delete option.

•**Files:**

•BUDGET_LEVEL_REGISTER (Contains budget level data)

•**Fields:**

•wwkode (Budget level code)

•**Condition:** The deletion occurs if the user selects the delete option (b1valg = ' 4') and the confirmation field is not blank.

2. Display Record

•**Logic:** A budget level record is displayed when the user selects the view option.

•**File:** BUDGET_LEVEL_REGISTER

•**Field:** wwkode

•**Condition:** The display occurs if the user selects the view option (b1valg = ' 5').

Financial and Transactional Rules

1. Transfer to Accounting

•**Logic:** The budget level data can be transferred to accounting when the user selects the transfer option.

•**File:** BUDGET_LEVEL_REGISTER

•**Fields:**

•v1kode (Budget level code)

•wwkode (Working budget level code)

•**Condition:** The transfer occurs if the user selects the transfer option (b1valg = '78').

2. Generate Budget

•**Logic:** A new budget can be generated based on the selected budget level.

•**File:** BUDGET_LEVEL_REGISTER

•**Condition:** The generation occurs when the user selects the generate option (b1valg = '60').

Special Conditions (Program-Specific)

1. Handle Subfile Operations (SB100R)

•**Logic:** The program handles operations related to the subfile, including reading, updating, and displaying records.

•**File:** BUDGET_LEVEL_REGISTER

•**Field:** b1sfl (Subfile)

•**Condition:** The subfile is updated based on user selections and interactions.

2. Clear Subfile (SB100R)

•**Logic:** The subfile is cleared before new data is loaded.

•**File:** BUDGET_LEVEL_REGISTER

•**Fields:** srrn01, sfrn01, ssrn01

•**Condition:** The subfile is cleared at the beginning of the processing to ensure no old data remains.

Subprogram Calls Affecting Logic

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

1. SBDELR (Delete Budget Level)

•**Trigger:** Called when a delete operation is confirmed.

•**Logic:** This program handles the deletion of a budget level record.

•**Impact:** This call acts as a **destructive filtering step** that permanently removes records.

2. SBCOLR (Copy Budget Level)

•**Trigger:** Called when the user selects the copy option.

•**Logic:** This program handles the copying of budget level records.

•**Impact:** This enables users to duplicate existing budget levels for modification or reuse.

3. SBGENR (Generate Budget)

•**Trigger:** Called when the user selects the generate option.

- **Logic:** This program generates a new budget based on the selected parameters.
- **Impact:** This represents the handoff to the next major business function, creating new budget entries based on existing data.

This documentation provides a comprehensive overview of the business logic governing the budget level maintenance process in the ASSTAT system. Each rule and condition is designed to ensure data integrity and facilitate user interactions effectively.