

SB100R.MBR

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Business Logic for SB100R - Budget Level Register Maintenance

This document outlines the business rules that govern the maintenance of the budget level register, based on an analysis of the RPG program SB100R. The primary focus is on the logic that handles user interactions with the budget level records, including creation, modification, deletion, and reporting.

The core logic for managing budget levels is contained within the various subroutines in SB100R. The program interacts with multiple files and processes user inputs to perform operations on budget records.

Order Status and Header Rules

SB100R: b1sfl, sknil1r, sknilur

1. Record Creation

- **Logic:** The program allows the creation of new budget records when the appropriate flag is set.
- **File:** b1sfl (Subfile for budget levels)
- **Field:** b1valg
- **Condition:** The process will create a new record if *inkf is on.

2. Record Modification

- **Logic:** Users can modify existing budget records by selecting them from the subfile.
- **File:** b1sfl (Subfile for budget levels)
- **Field:** b1valg
- **Condition:** The process will modify a record if b1valg is equal to ' 2' or '2 '.

Configuration and Authorization Rules

1. Record Deletion

- **Logic:** The program allows users to delete budget records if certain conditions are met.

• **Files:**

- sknil1r (Budget level register)
- sknilur (Updated budget level register)

• **Fields:**

- b1valg (User selection)
- b1kode (Budget code)

- **Condition:** The process will delete a record if b1valg is equal to ' 4' or '4 ' and b1endr is not blank.

2. Record Viewing

- **Logic:** Users can view details of budget records.
- **File:** sknil1r (Budget level register)
- **Field:** b1valg

- **Condition:** The process will display a record if b1valg is equal to ' 5' or '5'.

Financial and Transactional Rules

1. Budget Transfer to Accounting

- **Logic:** The program facilitates the transfer of budget records to the accounting system.

- **File:** sknil1r (Budget level register)

- **Fields:**

- b1kode (Budget code)

- wwkode (Working budget code)

- **Condition:** The transfer occurs when the user selects the option with b1valg equal to '78'.

2. Reporting

- **Logic:** The program generates reports based on the budget records.

- **File:** sknil1r (Budget level register)

- **Condition:** The report generation is triggered when b1valg is equal to ' 6' or '6'.

Special Conditions (Program-Specific)

1. Subfile Handling (SB100R)

- **Logic:** The program manages the display and interaction with the subfile containing budget records.

- **File:** b1sfl (Subfile for budget levels)

- **Field:** srrn01

- **Condition:** The subfile is populated based on user selections and interactions.

2. Initialization of Program Variables (SB100R)

- **Logic:** Initializes key variables and sets up the environment for processing.

- **File:** sknil1r (Budget level register)

- **Fields:** wwfirm, wwkode

- **Condition:** This setup occurs at the beginning of the program to prepare for user input.

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)

- **Trigger:** Called when a user opts to delete a budget record.

- **Logic:** This program handles the deletion of budget records from the database.

- **Impact:** This call ensures that budget records are properly removed from the system.

2. SBCOLR (Copy Budget)

- **Trigger:** Invoked when the user chooses to copy an existing budget record.

- **Logic:** This program duplicates the selected budget record into a new entry.

- **Impact:** This allows for quick replication of budget records for similar entries.

3. SBGENR (Generate New Budget)

- **Trigger:** Called when generating a new budget based on existing records.

- **Logic:** This program creates new budget entries based on specified parameters.

- Impact:** Represents the handoff to the next major business function of budget creation.

4. SBANYR (Annual Budget Generation)

- Trigger:** Called when generating annual budgets.

- Logic:** This program processes the creation of yearly budget entries.

- Impact:** Facilitates the annual budgeting process by generating necessary records.

5. SBOVFC (Budget Verification)

- Trigger:** Invoked during the verification of budget entries.

- Logic:** This program checks the integrity and correctness of the budget records.

- Impact:** Ensures that all budget entries are valid before finalization.

6. SBFILC (File Creation for Budget)

- Trigger:** Called when creating files related to budget records.

- Logic:** This program manages the file creation process for budget data.

- Impact:** Ensures that all necessary files are created for budget management.

This documentation provides a comprehensive overview of the business logic implemented in the SB100R program for maintaining the budget level register, detailing the rules, conditions, and interactions involved in the process.