

SB100R.MBR

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Business Logic for SB100R

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 processing of budget entries and their associated operations.

The core logic for maintaining the budget level register is contained within the various subroutines in SB100R. The program handles user interactions through a subfile interface, allowing for the creation, modification, deletion, and viewing of budget records.

Budget Entry and Management Rules

SB100R: SB100D

1. Create New Record

- **Logic:** A new budget record is created when the user selects the option to create a new entry.
- **File:** SB100D (Budget Level Register)
- **Field:** Various fields for budget details
- **Condition:** The process will create a record if the input flag for new entry (*inkf) is set to *on.

2. Modify Existing Record

- **Logic:** Existing budget records can be modified based on user selection.
- **File:** SB100D (Budget Level Register)
- **Field:** b1kode (Budget Code)
- **Condition:** The process will modify a record if the user selects the option to change (b1valg = '2' or b1valg = '2').

3. Delete Record

- **Logic:** A budget record can be deleted if the user confirms the action.
- **File:** SB100D (Budget Level Register)
- **Field:** b1kode (Budget Code)
- **Condition:** The process will delete a record if the user selects the delete option (b1valg = '4' or b1valg = '4').

4. View Record

- **Logic:** Users can view details of a specific budget record.
- **File:** SB100D (Budget Level Register)
- **Field:** b1kode (Budget Code)
- **Condition:** The process will display a record if the user selects the view option (b1valg = '5' or b1valg = '5').

Budget Transfer and Reporting Rules

1. Transfer Budget to Accounting

- **Logic:** The program allows for the transfer of budget entries to the accounting system.
- **Files:**

- SB100D (Budget Level Register)

- SKNIL1R (Accounting Records)

•Fields:

- b1kode (Budget Code)

- wwkode (Working Code)

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

2. Generate Budget Report

- Logic:** The program generates a report based on the budget entries.

- File:** SB100D (Budget Level Register)

- Condition:** The report is generated when the user selects the report option (b1valg = '6' or b1valg = '6 ').

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Special Conditions (Program-Specific)

1. Initialize Program (SB100R)

- Logic:** Initializes the program and sets up necessary variables and file pointers.

- File:** SB100D (Budget Level Register)

- Field:** wwfirm, wwkode

- Condition:** This initialization occurs at the start of the program to prepare for user interaction.

2. Handle Subfile Display

- Logic:** Manages the display of the subfile containing budget records.

- File:** SB100D (Budget Level Register)

- Fields:** Various fields for displaying budget details.

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

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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. SBDELR (Delete Budget Record)

- Trigger:** Called when a user confirms the deletion of a budget record.

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

- Impact:** Ensures that the budget record is removed from the system.

2. SBCOLR (Copy Budget Record)

- Trigger:** Invoked when the user selects the option to copy a budget record.

- Logic:** This program copies the details of a selected budget record to create a new entry.

- Impact:** Facilitates the duplication of budget records for ease of entry.

3. SBGENR (Generate New Budget)

- Trigger:** Called when the user selects the option to generate a new budget.

- Logic:** This program generates a new budget based on the provided parameters.

- Impact:** Represents the creation of a new budget entry in the system.

4. SBANYR (Annual Budget Generation)

- Trigger:** Called when the user opts to generate an annual budget.

- Logic:** This program generates a yearly budget based on existing records.
- Impact:** Ensures that annual budgets are created based on the current budget data.

5. SBOVFC (Budget Validation)

- Trigger:** Invoked for validating budget entries before finalizing them.
- Logic:** This program checks the integrity of budget data.
- Impact:** Ensures that only valid budget records are processed and stored.

This documentation provides a comprehensive overview of the business logic implemented in the SB100R program, focusing on the management of budget records within the system.