

SC100R.MBR

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Business Logic for SC100R

This document outlines the business rules that govern the maintenance of the budget level register, based on an analysis of the RPG program SC100R. The primary focus is on the logic that handles user interactions and data processing for budget management.

The core logic for maintaining the budget level register is contained within the various subroutines in SC100R. The program processes user inputs to create, update, delete, and display records in the budget level register.

Order Status and Header Rules

SC100R: slnil1, slnilu

1. Record Creation

- **Logic:** The program allows the creation of new records in the budget level register if the appropriate flag is set.
- **File:** slnil1 (Budget Level Register)
- **Field:** wwkode
- **Condition:** The process will create a new record if *inkf is equal to *on.

2. Record Update

- **Logic:** The program updates existing records based on user selection from the subfile.
- **File:** slnil1 (Budget Level Register)
- **Field:** wwkode
- **Condition:** The process will update a record if the user selects option '2' from the subfile.

Configuration and Authorization Rules

1. Record Deletion

- **Logic:** The program allows deletion of records from the budget level register based on user input.
- **Files:**
 - slnil1 (Budget Level Register)
 - slnilu (Updated Budget Level Register)
- **Fields:**
 - wwkode (Record Identifier)
- **Condition:** The process will delete a record if the user selects option '4' and the deletion criteria are met.

2. Record Display

- **Logic:** The program displays records from the budget level register based on user selection.
- **File:** slnil1 (Budget Level Register)
- **Field:** wwkode
- **Condition:** The process will display records if the user selects option '5'.

Financial and Transactional Rules

1. Budgeting Process

- **Logic:** The program initiates a budgeting process based on user input.
- **File:** slnl1 (Budget Level Register)
- **Fields:**
 - wwkode (Record Identifier)
 - f0kode (Budget Code)
- **Condition:** The process will initiate budgeting if the user selects option '8'.

2. Report Generation

- **Logic:** The program generates reports based on the budget level register.
- **File:** slnl1 (Budget Level Register)
- **Condition:** The process will generate a report if the user selects option '6'.

Special Conditions (Program-Specific)

1. Subfile Management (SC100R)

- **Logic:** The program manages a subfile that displays records from the budget level register.
- **File:** slnl1 (Budget Level Register)
- **Field:** b1sfl (Subfile Control)
- **Condition:** The subfile is populated and updated based on user interactions.

2. Error Handling (SC100R)

- **Logic:** The program includes error handling for invalid operations or data.
- **File:** slnl1 (Budget Level Register)
- **Fields:** wwkode, srrn01
- **Condition:** The program checks for errors during record operations and provides feedback to the user.

Subprogram Calls Affecting Logic

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

1. SCDELR (Delete Budget Record)

- **Trigger:** Called when a user selects to delete a record.
- **Logic:** This program handles the deletion of a budget record from the database.
- **Impact:** This call ensures that records are properly removed from the budget level register.

2. SCCOLR (Copy Budget Record)

- **Trigger:** Called when a user selects to copy a budget record.
- **Logic:** This program facilitates the copying of budget records to create new entries.
- **Impact:** This allows for the duplication of budget records, streamlining the budgeting process.

3. SCGENR (Generate New Budget)

- **Trigger:** Called when a user initiates a new budget generation.
- **Logic:** This program generates a new budget based on the provided parameters.
- **Impact:** Represents the handoff to the next major business function of budget creation.

This documentation provides a comprehensive overview of the business logic implemented in the SC100R program, focusing on the key rules and processes that govern the maintenance of the budget level register.