

SC100R.MBR

Path: NXCLOUD/rpgsrc/SC100R.MBR **Generated:** 2026-01-08 15:43:00 **Processing Time:** 19184ms

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 related to managing budget entries, including creating, updating, deleting, and displaying records. The core logic for maintaining the budget level register is contained within the various subroutines defined in SC100R. The program processes user inputs to perform actions on budget records, utilizing a subfile interface for user interaction.

Order Status and Header Rules

SC100R: slnil1r, slnilur, b1sfl

1. Create New Record

- Logic:** If the user indicates a new record creation, the program initializes fields and displays the input screen for entering new budget data.
- File:** slnil1r (Budget Level Register)
- Field:** wwkode
- Condition:** The process will create a new record if the input flag *inkf is set to *on.

2. Update Existing Record

- Logic:** If the user selects an existing record for editing, the program retrieves the record and displays it for modification.
- File:** slnil1r (Budget Level Register)
- Field:** wwkode
- Condition:** The process will update a record if the user selects the option for editing (indicated by b1valg being '2').

Configuration and Authorization Rules

1. Delete Record

- Logic:** The program allows the user to delete a selected budget record after confirming the action.
- Files:**
 - slnil1r (Budget Level Register)
 - slnilur (Updated Budget Level Register)
- Fields:**
 - wwkode (Budget Code from slnil1r)
 - d1kode (Code for deletion confirmation)
- Condition:** The deletion occurs if the user selects the delete option (indicated by b1valg being '4') and confirms the action.

2. Display Record

- Logic:** The program retrieves and displays the details of a selected budget record.

- File:** slnil1r (Budget Level Register)
 - Field:** wwkode
 - Condition:** The record will be displayed if the user selects the view option (indicated by b1valg being '5').
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Financial and Transactional Rules

1. Generate Budget

- Logic:** The program generates a new budget based on the parameters provided by the user.
- File:** slnil1r (Budget Level Register)
- Fields:**
 - wwkode (Budget Code)
 - f0hhaa (Year)
- Condition:** The generation occurs if the user selects the generate budget option (indicated by b1valg being '60').

2. Transfer to Finance

- Logic:** The program transfers budget data to the finance module for processing.
 - File:** slnil1r (Budget Level Register)
 - Condition:** The transfer will be executed if the user selects the transfer option (indicated by b1valg being '78').
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Special Conditions (Program-Specific)

1. Reset Subfile (SC100R)

- Logic:** The program resets the subfile to clear previous entries and prepares for new data input.
- File:** b1sfl (Subfile for Budget Entries)
- Field:** srrn01
- Condition:** This reset occurs at the start of the program or when explicitly called.

2. Fill Subfile (SC100R)

- Logic:** The program populates the subfile with budget records from the database.
 - File:** slnil1r (Budget Level Register)
 - Fields:** b1kode (Budget Code), b1endr (End Record)
 - Condition:** The subfile is filled during the execution of the program when records are read from the database.
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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. SCDELRL (Delete Budget Record)

- Trigger:** Called when the user confirms deletion of a budget record.
- Logic:** This program handles the deletion of the budget record from the database.
- Impact:** This call ensures that the selected budget record is removed from the system.

2. SCCOLRL (Copy Budget Record)

- Trigger:** Called when the user selects to copy an existing budget record.

- Logic:** This program duplicates the specified budget record into a new entry.
- Impact:** This allows users to create similar budget records without re-entering all data.

3. SCGENR (Generate New Budget)

- Trigger:** Called when the user opts to generate a new budget.
- Logic:** This program creates a new budget based on the parameters provided by the user.
- Impact:** This represents the creation of a new financial plan based on existing data and user input.