

SX905R.MBR

Path: NXCLOUD/rpgsrc/SX905R.MBR **Generated:** 2026-01-08 15:43:00 **Processing Time:** 16621ms

Business Logic for Vedlikehold av betingelser for omregning

This document outlines the business rules that govern the maintenance of logs and status transfers for Cobuilder, based on an analysis of the RPG program SX905R. The primary focus is on the logic that handles the retrieval, display, and updating of status information.

The core logic for maintaining the status is contained within the a1taga subroutine in SX905R. The program processes records from the scobl1 and scoblu files to manage the status updates and log entries.

Order Status and Header Rules

Vedlikehold av betingelser for omregning: scobl1, scoblu

1. Retrieve Status Information

- Logic:** The program retrieves status information from the scobl1 file. If a record is found, it assigns various status fields to local variables. If no record is found, it initializes these fields to default values.
- File:** scobl1 (Status register)
- Field:** scstat, scmai1, scmai2, scmai3, scsubj, sctxt1, sctxt2, sctxt3, scsend
- Condition:** The process will not select a record if the key scobl1_key does not match any existing records.

2. Display Status Information

- Logic:** The program displays the status information retrieved from the scobl1 file on the screen.
- File:** sx905d (Display file)
- Field:** Various fields displayed on the screen.
- Condition:** The display is triggered after retrieving the status information.

Configuration and Authorization Rules

1. Check for Valid Status

- Logic:** The program checks if the retrieved status is valid (not equal to 0 or 1). If invalid, it sets an error indicator.
- Files:**
 - scobl1 (Status register)
 - scoblu (Update status register)
- Fields:**
 - a1stat (from scobl1)
- Condition:** The process will set an error indicator if a1stat is not equal to 0 or 1.

2. Validate Email Address

- Logic:** The program checks if the primary email address field is blank. If it is, an error indicator is set.

- File:** scobl1 (Status register)
- Field:** a1mai1
- Condition:** The process will set an error indicator if a1mai1 is blank.

Financial and Transactional Rules

1. Update Status Register

- Logic:** The program updates the scoblu file with the new status information. If the record exists, it updates the existing record; otherwise, it creates a new one.
- File:** scoblu (Update status register)
- Fields:**
 - scstat (Status)
 - scmai1, scmai2, scmai3, scsubj, sctxt1, sctxt2, sctxt3, scsend (Email and subject fields)
- Condition:** The update occurs based on the existence of the record in scoblu.

2. Record Creation

- Logic:** If the record does not exist in the scoblu file, a new record is created with the current timestamp and user information.
- File:** scoblu (Update status register)
- Condition:** A new record is created if the scoblu_key is not found.

Special Conditions (Program-Specific)

1. Subroutine for Deleting Messages (SX905R)

- Logic:** This subroutine handles the deletion of updated or marked messages by calling another program (SX903R).
- File:** f6win (Window for deletion confirmation)
- Field:** b1kdat
- Condition:** The deletion process is triggered based on user input and confirmation.

2. Subroutine for Program Initialization (SX905R)

- Logic:** This subroutine initializes the program by setting up keys for the status register lookup and populating firm number.
- File:** scobl1, scoblu (Status registers)
- Fields:** w_firm (Firm number)
- Condition:** This initialization occurs at the start of the program.

Subprogram Calls Affecting Logic

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

1. SX903R (Message Deletion Program)

- Trigger:** This program is called from the xb6win subroutine when the user confirms the deletion of messages.
- Logic:** It handles the actual deletion of messages based on the parameters passed.
- Impact:** This call acts as a **destructive filtering step** for message management.

2. SX905R (Main Program)

- Trigger:** This program is executed when the user interacts with the main interface to maintain status logs.
- Logic:** It retrieves, displays, and updates status information based on user input.
- Impact:** This represents the main workflow for maintaining status logs and ensures data integrity through validation checks.

3. f6win (Deletion Confirmation Window)

- Trigger:** This window is displayed when the user opts to delete messages.
- Logic:** It prompts the user for confirmation before proceeding with the deletion.
- Impact:** This is a **critical user interaction point** that ensures the user confirms their intent before any data is removed.