

SX905R.MBR

Path: NXCLOUD/rpgsrc/SX905R.MBR **Generated:** 2026-01-08 15:04:37 **Processing Time:** 15421ms

Business Logic for Vedlikehold av betingelser for omregning

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

The core logic for maintaining the status is contained within the A1BLD subroutine in SX905R. The program processes records from the scobl1 and scoblu files, updating the status based on user input and predefined conditions.

Order Status and Header Rules

Vedlikehold av betingelser: scobl1, scoblu

1. Retrieve Status Information

- Logic:** The program retrieves status information from the scobl1 file. If a record is found, it populates various fields with the retrieved data; 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, sckdat, scudat, scutid
- Condition:** The process retrieves data if the key scobl1_key is found in the scobl1 file.

2. 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.
- File:** N/A
- Field:** a1stat
- Condition:** The process will trigger an error if a1stat is not equal to 0 or 1.

Configuration and Authorization Rules

1. Email Address Validation

- Logic:** The program checks if the primary email address is blank. If it is, an error indicator is set.
- Files:**
 - scobl1 (Status register)
- Fields:**
 - a1mai1 (Primary email address)
- Condition:** The process will trigger an error if a1mai1 is blank.

2. Update Status Register

- Logic:** The program updates the scoblu file with the new status information. If the record exists, it updates the existing record; if not, it creates a new record.
- File:** scoblu (Log/status transfer)

- Field:** scstat, scmai1, scmai2, scmai3, scsubj, sctxt1, sctxt2, sctxt3, scsend
 - Condition:** The update occurs based on the existence of the scoblu_key in the scoblu file.
-

Financial and Transactional Rules

1. Log Transfer Timing

- Logic:** The program records the current date and time when updating the status register.
- File:** scoblu (Log/status transfer)
- Fields:**
 - scedat (Date of update)
 - scetim (Time of update)
- Condition:** The current date and time are recorded whenever a status update occurs.

2. User Tracking

- Logic:** The program captures the user ID of the person making the update to the status register.
 - File:** scoblu (Log/status transfer)
 - Condition:** The user ID is recorded during every update operation.
-

Special Conditions (Program-Specific)

1. Subroutine for Deleting Messages (SX905R)

- Logic:** This subroutine handles the deletion of updated or marked messages based on user input.
- File:** N/A
- Field:** b1kdat
- Condition:** The deletion process is triggered based on user interaction with the interface.

2. Subroutine for Program Initialization (SX905R)

- Logic:** This subroutine initializes the program by setting up keys for record lookups and populating firm number.
 - File:** N/A
 - Fields:** w_firm (Firm number)
 - Condition:** This initialization occurs at the start of the program execution.
-

Subprogram Calls Affecting Logic

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

1. SX903R (Deletion Subprogram)

- Trigger:** Called during the execution of the xb6win subroutine when the user opts to delete messages.
- Logic:** This program handles the deletion of messages based on the provided date and inclusion flag.
- Impact:** This call acts as a **critical step for message management**, ensuring that outdated or unnecessary messages are removed.

2. A1BLD (Display Subroutine)

- Trigger:** Called to display the current status and log information to the user.

- Logic:** This subroutine formats and presents the data to the user.

- Impact:** This is a **key user interface component**, allowing users to interact with the status information effectively.

3. xb6win (Window Management Subroutine)

- Trigger:** Invoked when the user chooses to start the printing process or manage messages.

- Logic:** This subroutine manages the display and interaction for message handling.

- Impact:** Represents the **user interaction layer**, facilitating user decisions regarding message management.