

# RH100R.MBR

**Path:** NXCLOUD/rpgsrc/RH100R.MBR **Generated:** 2026-01-08 15:04:18 **Processing Time:** 14156ms

## Business Logic for Kontoplan Maintenance

This document outlines the business rules that govern the Kontoplan maintenance process, based on an analysis of the RPG program RH100R. The primary focus is on the rules and logic related to managing account plans within the ERP system.

The core logic for Kontoplan maintenance is contained within the various subroutines in RH100R. This program handles the creation, updating, and deletion of account records, as well as the validation of input data and the management of subfile displays.

## Account Status and Validation Rules

**Kontoplan Maintenance:** rhovl1, rhovl2, rhovl3, rhovl4, rhovlr, rhsal1, rklal2, rhstl1

### 1. Check for Standard Account Reference

- Logic:** The program checks if all accounts have a reference to the standard account plan. If any account lacks this reference, an error message is generated.
- File:** rhovl1 (Account Plan Records)
- Field:** rhrefn
- Condition:** "The process will not proceed if rhrefn is equal to \*ZERO."

### 2. Input Validation for MVA Code

- Logic:** Validates the MVA code entered by the user against a predefined set of rules. If invalid, an error message is displayed.
- File:** Not directly associated with a file but involves user input.
- Field:** p\_ekod
- Condition:** "The process will flag an error if p\_stat is 'N' after validation."

## Configuration and Authorization Rules

### 1. Authorization for Account Deletion

- Logic:** Before allowing the deletion of an account, the program checks if there are any associated records in the balance file. If records exist, deletion is not permitted.
- Files:**
  - rhovlr (Account Records)
  - rhsal1 (Balance Records)
- Fields:**
  - d1kont (Account Number from deletion window)
  - rhsal1\_kont (Account Number from balance records)
- Condition:** "Deletion is blocked if the account has associated balance records."

### 2. Standard Account Plan Reference Check

- Logic:** The program checks if the standard account plan reference exists in the rhstl1 file. If not found, an error is generated.
- File:** rhstl1 (Standard Account Plan)

- Field:** p\_kont
  - Condition:** "The process will not proceed if p\_kont is not found in rhstl1."
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## Financial and Transactional Rules

### 1. Update Account Records

- Logic:** When an account is updated, the program checks if the account already exists. If it does, the existing record is updated; otherwise, a new record is created.
- File:** rhovlu (Updated Account Records)
- Fields:**
  - rhovlu\_kont (Account Number)
  - rhovlu\_spes (Special Account Identifier)
- Condition:** "The update will only occur if the account is found in the rhovlu file."

### 2. Display Subfile Records

- Logic:** The program populates a subfile with account records based on user input and current selections. It handles pagination and display logic.
  - File:** b1sfl (Subfile for Account Display)
  - Condition:** "Records will be displayed based on the current cursor position and user selections."
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## Special Conditions (Program-Specific)

### 1. Error Handling for Existing Records (RH100R)

- Logic:** If a user attempts to create a record that already exists, the program displays a message and prevents the operation.
- File:** rhovlr (Account Records)
- Field:** rhovlr\_kont
- Condition:** "An error message is shown if the record already exists."

### 2. Handling Account Copying (RH100R)

- Logic:** The program allows users to copy existing account records to create new ones, ensuring that all relevant fields are populated correctly.
  - File:** rhovlr (Account Records)
  - Fields:** k1kont, k1spes, k1avde (Key fields for copying)
  - Condition:** "The copy operation is contingent on the existence of the original record."
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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. AA007R (Error Notification Program)

- Trigger:** Called when an account lacks a standard reference.
- Logic:** Displays an error message to the user regarding missing standard accounts.
- Impact:** This call acts as a **major logical gateway** for ensuring data integrity.

### 2. RF020R (Standard Account Program)

- Trigger:** Called to validate or retrieve information related to standard accounts.
- Logic:** Validates the standard account against user input.

- Impact:** Ensures that all accounts adhere to the defined standards.

### **3. RH110R (Posting Maintenance Program)**

- Trigger:** Called when maintaining postings for an account.

- Logic:** Handles the logic for updating postings related to the selected account.

- Impact:** Represents the handoff to the next major business function, ensuring that postings are correctly maintained.