RF010R.MBR

Path: NXCLOUD/rpgsrc/RF010R.MBR **Generated**: 2026-01-08 12:58:49 **Processing Time**: 17995ms

—

Business Logic for Bilagsregistrering

This document outlines the business rules that govern the process of "Bilagsregistrering" (Voucher Registration), based on an analysis of the RPG program RF010R. The primary focus is on the validation and processing of financial vouchers within the system.

The core logic for voucher registration is contained within various subroutines in RF010R. The program handles user input, validates it against business rules, and updates the relevant records in the database.

—

Order Status and Header Rules

Bilagsregistrering: RBUNL1, RTRAAL, RAA1L1, RTRAALX, RLEVL1, RKUNL1, RTRAAL1, RTRAAL2

1. Validating Voucher Number

•**Logic:** The program checks if the voucher number is zero or already exists for the current year, and raises an error if it does.

•**File:** RTRAAL (Voucher Transactions)

•**Field:** a5biln

•**Condition:** "The process will not proceed if a5biln is equal to zero or if the voucher number already exists in the current year."

2. Validating Voucher Date

•**Logic:** The program ensures that the voucher date is not in the future or more than one year in the past.

•**File:** RTRAAL (Voucher Transactions)

•**Field:** a5bdat

•**Condition:** "The process will raise an error if a5bdat is greater than the current date or less than one year ago."

—

Configuration and Authorization Rules

1. Checking Account Validity

•**Logic:** The program verifies that the specified accounts (debit and credit) are valid and not blocked.

•**Files:**

•RHOVL1 (Account Master)

•RLEVL1 (Supplier Accounts)

•**Fields:**

•w_kont (Account Number)

•w_avde (Department)

•**Condition:** "The process will not allow registration if both accounts are receivable accounts."

2. Currency Validation

•**Logic:** The program checks if the currency codes are valid and match the accounts used.

•**File:** RA16L1 (Currency Codes)

•**Field:** a5valk

•**Condition:** "The process will raise an error if the currency code does not match the expected currency for the account."

Financial and Transactional Rules

1. Posting Amount Validation

•**Logic:** The program ensures that the posted amounts are not negative and that at least one of the amounts (debit or credit) is specified.

•**File:** RTRAAL (Voucher Transactions)

•**Fields:**

•a5belØ (Debit Amount)

•a5valb (Credit Amount)

•**Condition:** "The process will not allow posting if both a5belØ and a5valb are zero."

2. Bunt Sum Validation

•**Logic:** The program checks that the sum of transactions equals the specified bunt sum.

•**File:** RBUNL1 (Bunt Header)

•**Condition:** "The process will raise an error if the calculated sum of transactions does not match the bunt sum."

Special Conditions (Program-Specific)

1. Handling Duplicate Entries (RF010R)

•**Logic:** The program allows for the duplication of entries if the user confirms it.

•**File:** RTRAAL (Voucher Transactions)

•**Field:** a5biln

•**Condition:** "The process will prompt the user for confirmation before duplicating an entry."

2. Error Handling for Invalid Input (RF010R)

•**Logic:** The program raises specific error messages based on the type of validation failure encountered.

•**File:** RTRAAL (Voucher Transactions)

•**Fields:** Various fields depending on the error.

•**Condition:** "The program will display appropriate error messages for each validation failure."

Subprogram Calls Affecting Logic

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

1. AA002R (Firm Selection)

•**Trigger:** Called when selecting a firm.

•**Logic:** This program retrieves the firm information based on user input.

•**Impact:** "This call ensures that the correct firm is associated with the voucher being processed."

2. RF011C (Label Printing)

•**Trigger:** Called when printing labels for transactions.

•**Logic:** This program handles the printing of labels for the registered vouchers.

•**Impact:** "This is a crucial step for tracking and managing printed labels associated with transactions."

3. RS701R (Voucher Code Validation)

•**Trigger:** Called to validate the voucher code.

•**Logic:** This program checks if the entered voucher code is valid.

•**Impact:** "This validation is essential to ensure that only valid codes are processed, preventing errors in financial reporting."

Use clear, business-friendly language. Fill in all sections with details from the code. Output only the Markdown.