RL100R.MBR

Path: NXCLOUD/rpgsrc/RL100R.MBR **Generated**: 2026-01-08 12:35:16 **Processing Time**: 13996ms

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Business Logic for Leverandører Vedlikehold

This document outlines the business rules that govern the supplier maintenance process, based on an analysis of the RPG program RL100R. The primary focus is on the logic surrounding the management and display of supplier records.

The core logic for processing supplier records is contained within the subfile subroutine in RL100R. The program handles various operations such as searching, displaying, updating, and deleting supplier records from the database.

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Supplier Status and Record Management Rules

Leverandører: RLEVLR, RLEVLU, RLSOPF, VVPRL3, VVARL5

1. Record Deletion Check

•**Logic:** Before a supplier record can be deleted, the program checks if there are any associated items in the inventory. If items are found, the deletion is blocked.

•**File:** RLEVLR (Supplier Records)

•**Field:** RLEVLR.LEVR

•**Condition:** "The supplier cannot be deleted if there are items associated with it in VVARPF or VVVRPF."

2. Active Supplier Filtering

•**Logic:** The program allows filtering of suppliers based on their active status. Only active suppliers are displayed in the subfile unless specified otherwise.

•**File:** RLEVLR (Supplier Records)

•**Field:** RLEVLR.ACTIVE

•**Condition:** "Only suppliers marked as active will be included in the search results unless the filter is toggled."

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Configuration and Authorization Rules

1. Supplier Search Functionality

•**Logic:** The program allows users to search for suppliers using various criteria such as name, postal code, or supplier number. The search results are displayed in a subfile.

•**Files:**

•RLEVLR (Supplier Records)

•RLSOPF (Supplier Search Records)

•**Fields:**

•RLEVLR.LEVR (Supplier Number)

•RLSOPF.STEK (Supplier Name)

•**Condition:** "The search will return results based on the specified search criteria."

2. User Permissions Check

•**Logic:** The program checks user permissions before allowing access to sensitive operations like deleting or modifying supplier records.

•**File:** RLEVLR (Supplier Records)

•**Field:** RLEVLR.LEVR

•**Condition:** "Access to modify or delete suppliers is restricted based on user permissions."

Financial and Transactional Rules

1. Supplier Payment Method Validation

•**Logic:** The program validates the payment method associated with a supplier. If the payment method is invalid, an error message is displayed.

•**File:** RLEVLR (Supplier Records)

•**Fields:**

•RLEVLR.BETB (Payment Method Code)

•RLEVLR.BETM (Payment Method Description)

•**Condition:** "The payment method must exist in the system; otherwise, an error is raised."

2. Supplier Category Validation

•**Logic:** The program checks if the supplier category is valid before allowing the record to be saved or updated.

•**File:** RLEVLR (Supplier Records)

•**Condition:** "The supplier category must be valid and exist in the category reference table."

Special Conditions (Program-Specific)

1. Supplier Record Creation (RL100R)

•**Logic:** When creating a new supplier record, the program checks for existing records to prevent duplicates. If a duplicate is found, an error message is displayed.

•**File:** RLEVLR (Supplier Records)

•**Field:** RLEVLR.LEVR

•**Condition:** "A new supplier cannot be created if a record with the same supplier number already exists."

2. Supplier Record Update (RL100R)

•**Logic:** The program allows updating of supplier records, ensuring that all required fields are filled. If any required field is missing, an error message is shown.

•**File:** RLEVLR (Supplier Records)

•**Fields:** RLEVLR.LEVR, RLEVLR.NAME, RLEVLR.ADDRESS

•**Condition:** "All required fields must be filled in before a supplier record can be updated."

Subprogram Calls Affecting Logic

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

1. CO402R (Supplier Configuration Check)

•**Trigger:** Called during the initialization of the program to check configuration settings.

•**Logic:** This program checks if the supplier number falls within a specific range and sets a flag accordingly.

•**Impact:** "This call ensures that only valid supplier numbers are processed."

2. RL110R (Supplier Posting Inquiry)

•**Trigger:** Called when the user requests to view postings related to a supplier.

•**Logic:** This program retrieves and displays all postings associated with the selected supplier.

•**Impact:** "This is a crucial step for financial transparency and supplier management."

3. RL643C (Supplier Account Statement)

•**Trigger:** Called when generating account statements for suppliers.

•**Logic:** This program generates and formats the account statement for the selected supplier.

•**Impact:** "This represents the handoff to the next major business function of financial reporting."