JV100R.MBR

Path: NXCLOUD/rpgsrc/JV100R.MBR **Generated**: 2026-01-08 13:32:26 **Processing Time**: 14132ms

–

Business Logic for Vare Maintenance

This document outlines the business rules that govern the maintenance of items (varer) within the ERP system, based on an analysis of the RPG program JV100R. The primary focus is on the rules and logic that dictate how items are created, modified, displayed, and deleted in the system.
The core logic for item maintenance is contained within the various subroutines in JV100R, which interact with multiple files and handle user input for item management.

–

Item Status and Header Rules

Vare Maintenance: jvarlr, jvarla, jvarlb, jvarlc, jlevl1, jvlelr

1. Display Deleted Items

•**Logic:** When an item is marked as deleted, the display text will append '** SLETTET **' to indicate its status.

•**File:** jvarlr (Item Records)

•**Field:** jvstat

•**Condition:** If jvstat equals 4, the item is marked as deleted.

2. Show Expired Items

•**Logic:** If an item is expired according to all price providers (leverandører), it will display '** UTGÅTT **' in the item text.

•**File:** jvlelr (Item Expiry Records)

•**Field:** jvluda

•**Condition:** If the expiration date is past the current date and no active price providers are found.

–

Configuration and Authorization Rules

1. Item Group Validation

•**Logic:** Validation checks are performed to ensure that at least one of the item groups (overgruppe, hovedgruppe, undergruppe) is specified before proceeding with item operations.

•**Files:**

•jvarla (Overgruppe)

•jvarlb (Hovedgruppe)

•jvarlc (Undergruppe)

•**Fields:**

•b2ogrp (Overgruppe)

•b2hgrp (Hovedgruppe)

•b2ugrp (Undergruppe)

•**Condition:** If b2ogrp, b2hgrp, and b2ugrp are all zero, an error is triggered.

2. Item Search Functionality

•**Logic:** The program allows searching for items based on various criteria including item number, NOBB number, and free text.

- **File:** jsokpf (Search Records)
- **Field:** jsstek
- **Condition:** If search fields are populated, the search will be executed.

Financial and Transactional Rules

1. Price Maintenance

- **Logic:** The program allows maintenance of item prices through a dedicated subroutine.
- **File:** jvarlr (Item Records)
- **Fields:**
- w_vare (Item Number)
- b1valg (Action Type)
- **Condition:** If b1valg equals 7, the price maintenance subroutine is called.

2. Delete Item with Relationships

- **Logic:** When an item is deleted, the program calls another program to handle the deletion of related records.
- **File:** jvarlr (Item Records)
- **Condition:** If b1valg equals 4, the delete subroutine is invoked.

Special Conditions (Program-Specific)

1. Display NOBB Information

- **Logic:** Displays NOBB information for the item based on its NOBB number.
- **File:** jvarlr (Item Records)
- **Field:** jvnobb
- **Condition:** If the NOBB number is present, the NOBB display subroutine is called.

2. Logistics Item Check

- **Logic:** The program checks if an item is a logistics item and updates the relevant flags.
- **File:** jvarlr (Item Records)
- **Field:** jvvare
- **Condition:** The check is performed after any item operation to ensure logistics status is updated.

Subprogram Calls Affecting Logic

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

1. JV101R (Item Creation/Modification Program)

- **Trigger:** Called during the item creation and modification processes.
- **Logic:** Handles the logic for creating or updating item records based on user input.
- **Impact:** This call acts as a **major logical gateway** for item management.

2. JV400R (Delete Item with Relationships)

- **Trigger:** Called when an item is deleted.
- **Logic:** Manages the deletion of the item and its associated records.
- **Impact:** This is a **critical step** in ensuring data integrity during deletions.

3. JV510R (Display Item Information)

•**Trigger:** Called when displaying detailed information about an item.

•**Logic:** Retrieves and displays comprehensive details about the selected item.

•**Impact:** This represents the handoff to the next major business function of displaying item details.

This documentation provides a comprehensive overview of the business logic implemented in the JV100R program, detailing how items are managed within the ERP system.