JV100R.MBR

Path: NXCLOUD/rpgsrc/JV100R.MBR **Generated**: 2026-01-08 12:34:51 **Processing Time**: 13653ms

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Business Logic for Vare Maintenance

This document outlines the business rules that govern the maintenance of items (varer) in the ERP system, based on an analysis of the RPG program JV100R. The primary focus is on how items are created, modified, displayed, and deleted within the system.

The core logic for item maintenance is contained within the xc2bld subroutine in JV100R. This subroutine is responsible for invoking the item creation and modification processes, as well as handling user interactions through various function keys.

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Item Status and Display Rules

Vare Maintenance: jvarlr, jvarla, jvarlb, jvarlc, jvarl1, jvarl2, jvarl3, jvarl4, jsokl3, jlevl1, jvlelr

1. Display Deleted Items

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

•**File:** jvarlr (Item Text)

•**Field:** jvstat

•**Condition:** If jvstat equals 4, the display text is modified to include '** SLETTET **'.

2. Display Expired Items

•**Logic:** If an item is expired according to all price providers, it will be marked as '** UTGÅTT **' in the display.

•**File:** jvarlr (Item Text)

•**Field:** jvlelr_lvnr

•**Condition:** If no active price provider is found for the item, it will be marked as expired.

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Search and Query Rules

1. Search by Group

•**Logic:** The system allows searching for items based on overgroup, main group, and undergroup. If a search is initiated, the appropriate group values are set for the search.

•**Files:**

•jvarla (Overgroup)

•jvarlb (Main Group)

•jvarlc (Under Group)

•**Fields:**

•b2ogrp (Overgroup)

•b2hgrp (Main Group)

•b2ugrp (Under Group)

•**Condition:** If b2ogrp, b2hgrp, or b2ugrp is not zero, the search will proceed.

2. Search by Free Text

•**Logic:** If a free text search is initiated, it will look for items matching the provided search text.

•**File:** jsokpf (Search Items)
•**Field:** jsstek
•**Condition:** If b2stek is not blank, the search will be executed.

Item Creation and Modification Rules

1. Create or Modify Item

•**Logic:** The program allows for the creation or modification of an item based on user input. If an item number is provided, the system checks if the item exists.

•**File:** jvarlr (Item Records)

•**Field:** c1vare

•**Condition:** If c1vare is not zero, the system checks for the existence of the item and proceeds accordingly.

2. Update Item Details

•**Logic:** When an item is updated, the program retrieves the latest details and updates the subfile accordingly.

•**File:** jvarlr (Item Records)

•**Field:** jvarlr_vare

•**Condition:** If an item is found during the update process, its details are refreshed in the subfile.

Special Conditions (Program-Specific)

1. Delete Item (JV400R)

•**Logic:** The program allows for the deletion of an item, invoking the JV400R program to handle the deletion process.

•**File:** jvarlr (Item Records)

•**Field:** d1vare

•**Condition:** If the user selects the delete option, the program will call JV400R with the item number.

2. Copy Item (K1WIN)

•**Logic:** The program allows for copying an item, invoking the K1WIN subroutine to handle the copy process.

•**File:** jvarlr (Item Records)

•**Field:** k1vare

•**Condition:** If the user selects the copy option, the program will copy the details of the selected item.

Subprogram Calls Affecting Logic

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

1. JV101R (Item Create/Modify Program)

•**Trigger:** Called during the item creation or modification process.

•**Logic:** This program handles the actual creation or modification of item records based on user input.

•**Impact:** This call acts as a **critical point for item management**.

2. JV510R (Item Display Program)

•**Trigger:** Called when displaying item details.

•**Logic:** This program retrieves and displays detailed information about a specific item.

•**Impact:** This is a **key component for user interaction** with item details.

3. JV400R (Item Deletion Program)

•**Trigger:** Called when an item is marked for deletion.

•**Logic:** This program processes the deletion of an item and any associated relationships.

•**Impact:** This represents the **final step in item removal** from the system.

4. JV116R (Upsell/Cross-sell Program)

•**Trigger:** Called when the upsell or cross-sell option is selected.

•**Logic:** This program handles the logic for recommending additional items based on the current item.

•**Impact:** This enhances the **sales process** by providing recommendations.

5. JV115R (NRF Query Program)

•**Trigger:** Called when querying NRF information.

•**Logic:** This program retrieves NRF-related data for the selected item.

•**Impact:** This provides **important compliance information** for item management.

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