JV100R.MBR

Path: NXCLOUD/rpgsrc/JV100R.MBR **Generated**: 2026-01-08 15:43:00 **Processing Time**: 25762ms

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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 logic related to item creation, modification, and querying.

The core logic for item maintenance is contained within the xc2bld subroutine in JV100R. This program interacts with various files to create, update, and display item information, as well as to handle user inputs for item searches and modifications.

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Item Status and Query Rules

Vare Maintenance: jvarlr, jvarla, jvarlb, jvarlc, jsokpf, jvarpf

1. Item Deletion Indicator

•**Logic:** Marks an item as deleted in the display if its status indicates deletion.

•**File:** jvarpf (Item file)

•**Field:** jvstat

•**Condition:** The item will display '** SLETTET **' in the item text if jvstat equals 4.

2. Item Expiry Check

•**Logic:** Checks if an item is expired based on its last update date and sets the active status accordingly.

•**File:** jvlelr (Item expiry file)

•**Field:** jvluda

•**Condition:** The item is considered active if its last update date is greater than the current date or if it has not expired.

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Configuration and Authorization Rules

1. Item Group Validation

•**Logic:** Validates the item group fields to ensure at least one group is selected.

•**Files:**

•jvarla (Overgroup)

•jvarlb (Main group)

•**Fields:**

•b2ogrp (Overgroup)

•b2hgrp (Main group)

•**Condition:** The process will not proceed if b2ogrp is 0 and b2hgrp is not 0.

2. Search Trigger

•**Logic:** Initiates a search based on user input for item groups or text fields.

•**File:** jsokpf (Search file)

•**Field:** jsstek

•**Condition:** The search is triggered if any of the group fields or text fields are populated.

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Financial and Transactional Rules

1. Item Price Maintenance

•**Logic:** Calls the price maintenance program for an item when selected.

•**File:** jvarpf (Item price file)

•**Fields:**

•w_vare (Item number)

•w_firm (Firm number)

•**Condition:** The price maintenance program is called when the user selects the corresponding
option.

2. Item Copying

•**Logic:** Allows copying of item details to create a new item.

•**File:** jvarlr (Item reference file)

•**Condition:** The copy operation is initiated when the user selects the copy option.

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Special Conditions (Program-Specific)

1. Subfile Handling (JV100R)

•**Logic:** Manages the display and interaction with the subfile for item listings.

•**File:** b1sfl (Subfile for item display)

•**Field:** Various fields for item details.

•**Condition:** The subfile is populated based on the current search or selection context.

2. NOBB Information Display (JV100R)

•**Logic:** Displays NOBB (Norwegian Building Product Database) information for selected items.

•**File:** jvarpf (Item file)

•**Field:** jvnobb (NOBB number)

•**Condition:** The NOBB information is displayed when the user selects the corresponding option.

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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. JV101R (Item Creation/Modification Program)

•**Trigger:** Called during item creation or modification processes.

•**Logic:** Handles the logic for creating or updating item records.

•**Impact:** This call acts as a **major logical gateway** for item maintenance.

2. JV400R (Item Deletion Program)

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

•**Logic:** Manages the deletion of items along with their relationships.

•**Impact:** This is a **critical step** in ensuring data integrity during item removal.

3. JV510R (Item Information Display Program)

•**Trigger:** Called to display detailed information about a selected item.

•**Logic:** Retrieves and displays comprehensive item details.

•**Impact:** Provides essential information to users, enhancing the decision-making process.

4. JV115R (NRF Query Program)

•**Trigger:** Called to query NRF (Norwegian Product Registry) information.

•**Logic:** Fetches relevant data from the NRF based on item numbers.

•**Impact:** This call enriches the item data with external references, improving accuracy.

5. JV116R (Upselling/Cross-selling Program)

•**Trigger:** Called to manage upselling or cross-selling options for items.

•**Logic:** Provides recommendations based on item selections.

•**Impact:** This enhances sales opportunities and customer engagement.

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