LX401R.MBR

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Business Logic for Overføring av lagerenhet til lagerregister

This document outlines the business rules that govern the process of transferring inventory units from the inventory register, based on an analysis of the RPG program LX401R. The primary focus is on how inventory records are read, updated, and processed.

The core logic for the inventory transfer is contained within the main program flow of LX401R. The program reads records from the inventory register, finds the corresponding inventory unit in the item register, and updates the necessary fields.

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Inventory and Record Update Rules

Overføring av lagerenhet: vlaglu, vvarl1

1. Read Inventory Register

•**Logic:** The program reads records from the inventory register (vlaglu) until there are no more records to process.

•**File:** vlaglu (Inventory Register)

•**Field:** Not specifically defined in the read operation.

•**Condition:** The process continues as long as the read operation does not set the end-of-file indicator (*in90).

2. Update Inventory Unit

•**Logic:** For each inventory record read, the program retrieves the corresponding item from the item register (vvarl1) and updates the inventory unit with the current date, time, and user information.

•**File:** vvarl1 (Item Register)

•**Field:** vvarl1_vare (Item Identifier)

•**Condition:** The update occurs only if the corresponding item record is found in the item register.

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Data Initialization Rules

1. Initialize Key Fields

•**Logic:** The program initializes key fields for lookups in the item register, setting the firm and item identifier based on the local data area.

•**Files:**

•vvarl1 (Item Register)

•**Fields:**

•w_firm (Firm Identifier)

•vvarl1_vare (Item Identifier)

•**Condition:** This initialization occurs at the start of the program to ensure the correct keys are used for lookups.

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Program Flow and Termination

1. Program Termination

•**Logic:** The program sets the last record indicator (*inlr) to on and returns control to the calling program, effectively terminating the execution.

•**File:** Not applicable.

•**Condition:** This occurs at the end of the main program logic after all records have been processed.

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Subprogram Calls Affecting Logic

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

1. *inzsr (Initialization Subroutine)

•**Trigger:** This subroutine is called at the beginning of the main program.

•**Logic:** It initializes key fields required for the item register lookup.

•**Impact:** This ensures that the program has the necessary context to perform accurate lookups and updates in the item register.

2. avslutt (Termination Tag)

•**Trigger:** This tag is called at the end of the program.

•**Logic:** It handles the clean-up and termination of the program.

•**Impact:** This is essential for proper resource management and ensures that the program exits gracefully.

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This documentation provides a clear overview of the business logic implemented in the LX401R program, detailing how inventory units are processed and updated in the system.