LE100R.MBR

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Business Logic for LE100R

This document outlines the business rules that govern the maintenance of counting lists, based on an analysis of the RPG program LE100R. The primary focus is on the logic related to batch processing, record handling, and subfile management.

The core logic for maintaining counting lists is contained within the main program flow and several subroutines in LE100R. The program processes records related to batch numbers, retrieves information from various files, and manages user interactions through subfiles.

Order Status and Header Rules

LE100R: BATCH and COUNTING LIST FILES

1. Batch Number Validation

•**Logic:** The program checks if a batch number is provided. If not, it calls another program (LC500R) to prompt for a batch number.

•**File:** lbchl1 (Batch Header File)

•**Field:** lbchl1_batc

•**Condition:** The process will not proceed if l_batc is blank.

2. Retrieve Batch Information

•**Logic:** If the batch number is found, the program retrieves the associated number for counting lists and assigns it to relevant fields.

•**File:** lbchl1 (Batch Header File)

•**Field:** lcnumm

•**Condition:** The process will not proceed if the batch number is not found in lbchl1.

Configuration and Authorization Rules

1. User Authorization Check

•**Logic:** The program checks if the user has permission to modify records based on the batch number.

•**Files:**

•vvenlr (Item Unit File)

•**Fields:**

•vvenlr_vare (Item Number)

•vvenlr_enhe (Unit of Measure)

•**Condition:** The process will trigger an error if the unit of measure does not exist for the item.

2. Batch ID Handling

•**Logic:** The program allows for batch ID handling and updates the batch number across multiple records.

•**File:** ltell1, ltell2 (Counting List Files)

•**Field:** ltell1_batc, ltell2_batc

•**Condition:** The batch number must be consistent across all counting list records.

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Financial and Transactional Rules

1. Record Update Logic

•**Logic:** The program updates counting list records based on user input and ensures that updates are only made if the record is found.

•**File:** ltellur (Counting List Update File)

•**Fields:**

•ltellu_line (Line Number)

•leenh1 (Enhanced Field)

•**Condition:** The update will only occur if the line number exists in the ltellur file.

2. Record Deletion Logic

•**Logic:** The program allows users to delete records from the counting list and ensures proper handling of the deletion process.

•**File:** ltellur (Counting List Update File)

•**Condition:** The record will be deleted only if it is found in the ltellur file.

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Special Conditions (Program-Specific)

1. Cyclic Counting Restriction (LE100R)

•**Logic:** The program restricts updates to records that are part of a cyclic count, requiring them to be deleted instead.

•**File:** ltellr (Counting List File)

•**Field:** lcstel

•**Condition:** If lcstel equals 1, the program will prompt the user that updates are not allowed.

2. Subfile Management (LE100R)

•**Logic:** The program manages subfile interactions, including creation, display, and navigation through records.

•**File:** b1sfl (Subfile for Counting List)

•**Fields:** b1line, b1vare (Line and Item Number)

•**Condition:** The subfile will be populated based on the current batch and counting list records.

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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. LC500R (Batch Number Input Program)

•**Trigger:** Called when no batch number is provided.

•**Logic:** Prompts the user to input a batch number.

•**Impact:** This call acts as a **major logical gateway** for ensuring that batch processing can continue.

2. CO402R (Configuration Check Program)

•**Trigger:** Called to check specific configuration settings.

•**Logic:** Validates if certain features are enabled based on the current environment.

•**Impact:** This affects the overall process by enabling or disabling specific functionalities.

3. VV500R (Item Validation Program)

•**Trigger:** Called when validating item numbers during user input.

•**Logic:** Checks if the item exists and retrieves its details.

•**Impact:** This ensures that only valid items are processed, preventing errors in the counting list.

This documentation provides a comprehensive overview of the business logic implemented in the LE100R RPG program, detailing the rules, conditions, and interactions that govern the maintenance of counting lists.