

BU700R.MBR

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Business Logic for Store Export Process

This document outlines the business rules that govern the store export process, based on an analysis of the RPG program BU700R. The primary focus is on the various subroutine calls that handle different aspects of the store's data management.

The core logic for the store export is contained within the main program BU700R, which orchestrates calls to several subroutines responsible for handling various data entities related to the store. Each subroutine is called with parameters that include the firm identifier, date, time, and, in some cases, a cash register identifier.

Store Data Management Rules

Store Export: Various Data Entities

1. Delivery Type

- **Logic:** This rule handles the retrieval of delivery types associated with the store.
- **File:** Not explicitly defined in the provided code.
- **Field:** Not applicable.
- **Condition:** The subroutine BU710R is called with the firm identifier to fetch delivery type data.

2. Item Type

- **Logic:** This rule retrieves item types for the store.
- **File:** Not explicitly defined in the provided code.
- **Field:** Not applicable.
- **Condition:** The subroutine BU711R is called with the firm identifier to fetch item type data.

3. Price Code

- **Logic:** This rule retrieves price codes applicable to the store.
- **File:** Not explicitly defined in the provided code.
- **Field:** Not applicable.
- **Condition:** The subroutine BU712R is called with the firm identifier to fetch price code data.

4. Company Information

- **Logic:** This rule retrieves company-related information.
- **File:** Not explicitly defined in the provided code.
- **Field:** Not applicable.
- **Condition:** The subroutine BU715R is called with the firm identifier to fetch company data.

5. Department Information

- **Logic:** This rule retrieves department information related to the store.
- **File:** Not explicitly defined in the provided code.
- **Field:** Not applicable.
- **Condition:** The subroutine BU716R is called with the firm identifier to fetch department data.

6. Warehouse Information

- **Logic:** This rule retrieves warehouse information for the store.
- **File:** Not explicitly defined in the provided code.
- **Field:** Not applicable.
- **Condition:** The subroutine BU717R is called with the firm identifier to fetch warehouse data.

7. Seller Information

- **Logic:** This rule retrieves seller information for the store.
- **File:** Not explicitly defined in the provided code.
- **Field:** Not applicable.
- **Condition:** The subroutine BU718R is called with the firm identifier to fetch seller data.

8. Item Group Information

- **Logic:** This rule retrieves item group information for the store.
- **File:** Not explicitly defined in the provided code.
- **Field:** Not applicable.
- **Condition:** The subroutine BU720R is called with the firm identifier to fetch item group data.

9. Module Free Text

- **Logic:** This rule retrieves free text associated with the module.
- **File:** Not explicitly defined in the provided code.
- **Field:** Not applicable.
- **Condition:** The subroutine BU721R is called with the firm identifier to fetch module free text data.

10. Item Information

- **Logic:** This rule retrieves detailed item information for the store.
- **File:** Not explicitly defined in the provided code.

• **Fields:**

- p_dato (Date)
- p_time (Time)
- p_kass (Cash Register)

- **Condition:** The subroutine BU725R is called with the firm identifier, date, time, and cash register identifier to fetch item information.

11. Item List

- **Logic:** This rule retrieves a list of items available in the store.
- **File:** Not explicitly defined in the provided code.
- **Field:** Not applicable.
- **Condition:** The subroutine BU726R is called with the firm identifier to fetch the item list.

12. Offer Prices

- **Logic:** This rule retrieves special offer prices for items in the store.
- **File:** Not explicitly defined in the provided code.
- **Fields:**
 - p_dato (Date)
 - p_time (Time)
- **Condition:** The subroutine BU728R is called with the firm identifier, date, and time to fetch offer prices.

13. Deleted Items

•**Logic:** This rule retrieves information about items that have been deleted from the store.

•**File:** Not explicitly defined in the provided code.

•**Fields:**

•p_dato (Date)

•p_time (Time)

•**Condition:** The subroutine BU729R is called with the firm identifier, date, and time to fetch deleted item information.

14. Customer Information

•**Logic:** This rule retrieves customer-related information.

•**File:** Not explicitly defined in the provided code.

•**Fields:**

•p_dato (Date)

•p_time (Time)

•**Condition:** The subroutine BU730R is called with the firm identifier, date, and time to fetch customer information.

15. Customer Notes

•**Logic:** This rule retrieves notes associated with customers.

•**File:** Not explicitly defined in the provided code.

•**Field:** Not applicable.

•**Condition:** The subroutine BU731R is called with the firm identifier to fetch customer notes.

Subprogram Calls Affecting Logic

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

1. BU710R (Delivery Type Retrieval)

•**Trigger:** Called to retrieve delivery types for the store.

•**Logic:** Fetches delivery type data based on the firm identifier.

•**Impact:** Provides essential delivery type information for further processing.

2. BU711R (Item Type Retrieval)

•**Trigger:** Called to retrieve item types for the store.

•**Logic:** Fetches item type data based on the firm identifier.

•**Impact:** Supplies item type information necessary for inventory management.

3. BU712R (Price Code Retrieval)

•**Trigger:** Called to retrieve price codes for the store.

•**Logic:** Fetches price code data based on the firm identifier.

•**Impact:** Ensures accurate pricing information is available for transactions.

4. BU715R (Company Information Retrieval)

•**Trigger:** Called to retrieve company information.

•**Logic:** Fetches company data based on the firm identifier.

•**Impact:** Provides necessary company details for reporting and compliance.

5. BU716R (Department Information Retrieval)

- Trigger:** Called to retrieve department information.
- Logic:** Fetches department data based on the firm identifier.
- Impact:** Assists in organizing inventory and sales by department.

6. BU717R (Warehouse Information Retrieval)

- Trigger:** Called to retrieve warehouse information.
- Logic:** Fetches warehouse data based on the firm identifier.
- Impact:** Essential for managing stock levels and warehouse operations.

7. BU718R (Seller Information Retrieval)

- Trigger:** Called to retrieve seller information.
- Logic:** Fetches seller data based on the firm identifier.
- Impact:** Important for tracking sales performance by seller.

8. BU720R (Item Group Information Retrieval)

- Trigger:** Called to retrieve item group information.
- Logic:** Fetches item group data based on the firm identifier.
- Impact:** Aids in categorizing inventory for better management.

9. BU721R (Module Free Text Retrieval)

- Trigger:** Called to retrieve free text associated with the module.
- Logic:** Fetches module-related free text data based on the firm identifier.
- Impact:** Provides additional context or notes related to the module.

10. BU725R (Item Information Retrieval)

- Trigger:** Called to retrieve detailed item information.
- Logic:** Fetches item data based on the firm identifier, date, time, and cash register.
- Impact:** Critical for ensuring accurate item details are available for transactions.

11. BU726R (Item List Retrieval)

- Trigger:** Called to retrieve a list of items.
- Logic:** Fetches item list data based on the firm identifier.
- Impact:** Provides a comprehensive view of available items for sales.

12. BU728R (Offer Prices Retrieval)

- Trigger:** Called to retrieve special offer prices.
- Logic:** Fetches offer price data based on the firm identifier, date, and time.
- Impact:** Ensures that promotional pricing is applied correctly.

13. BU729R (Deleted Items Retrieval)

- Trigger:** Called to retrieve information about deleted items.
- Logic:** Fetches deleted item data based on the firm identifier, date, and time.
- Impact:** Important for maintaining accurate inventory records.

14. BU730R (Customer Information Retrieval)

- Trigger:** Called to retrieve customer information.
- Logic:** Fetches customer data based on the firm identifier, date, and time.
- Impact:** Essential for customer relationship management.

15. BU731R (Customer Notes Retrieval)

- **Trigger:** Called to retrieve customer notes.
- **Logic:** Fetches customer note data based on the firm identifier.
- **Impact:** Provides insights into customer interactions and history.