

BU700R.MBR

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Business Logic for BU700R

This document outlines the business rules that govern the export process for a store, based on an analysis of the RPG program BU700R. The primary focus is on the various subroutine calls that gather and process data related to store operations.

The core logic for the export process is contained within the main program BU700R. This program is responsible for calling various subroutines that retrieve information about different aspects of the store, such as product types, pricing codes, departments, and customer information.

Store Data Retrieval Rules

BU700R: Various Store Information

1. Delivery Type

- **Logic:** Calls the subroutine to retrieve delivery type information for the store.
- **File:** Not explicitly defined in the code.
- **Field:** Not applicable.
- **Condition:** Always called as part of the main program execution.

2. Product Type

- **Logic:** Calls the subroutine to retrieve product type information for the store.
- **File:** Not explicitly defined in the code.
- **Field:** Not applicable.
- **Condition:** Always called as part of the main program execution.

3. Price Code

- **Logic:** Calls the subroutine to retrieve price code information for the store.
- **File:** Not explicitly defined in the code.
- **Field:** Not applicable.
- **Condition:** Always called as part of the main program execution.

4. Company Information

- **Logic:** Calls the subroutine to retrieve company information for the store.
- **File:** Not explicitly defined in the code.
- **Field:** Not applicable.
- **Condition:** Always called as part of the main program execution.

5. Department Information

- **Logic:** Calls the subroutine to retrieve department information for the store.
- **File:** Not explicitly defined in the code.
- **Field:** Not applicable.
- **Condition:** Always called as part of the main program execution.

6. Warehouse Information

- **Logic:** Calls the subroutine to retrieve warehouse information for the store.

- File:** Not explicitly defined in the code.
- Field:** Not applicable.
- Condition:** Always called as part of the main program execution.

7. Seller Information

- Logic:** Calls the subroutine to retrieve seller information for the store.
- File:** Not explicitly defined in the code.
- Field:** Not applicable.
- Condition:** Always called as part of the main program execution.

8. Product Group Information

- Logic:** Calls the subroutine to retrieve product group information for the store.
- File:** Not explicitly defined in the code.
- Field:** Not applicable.
- Condition:** Always called as part of the main program execution.

9. Module Free Text

- Logic:** Calls the subroutine to retrieve free text information for the module related to the store.
- File:** Not explicitly defined in the code.
- Field:** Not applicable.
- Condition:** Always called as part of the main program execution.

10. Product Information

- Logic:** Calls the subroutine to retrieve detailed product information for the store.
- File:** Not explicitly defined in the code.
- Fields:**
 - p_dato (Date of the operation)
 - p_time (Time of the operation)
 - p_kass (Cash register number)
- Condition:** Always called as part of the main program execution.

11. Product List

- Logic:** Calls the subroutine to retrieve a list of products for the store.
- File:** Not explicitly defined in the code.
- Field:** Not applicable.
- Condition:** Always called as part of the main program execution.

12. Offer Prices

- Logic:** Calls the subroutine to retrieve offer prices for products in the store.
- File:** Not explicitly defined in the code.
- Fields:**
 - p_dato (Date of the operation)
 - p_time (Time of the operation)
- Condition:** Always called as part of the main program execution.

13. Deleted Products

- Logic:** Calls the subroutine to retrieve information about deleted products in the store.
- File:** Not explicitly defined in the code.

•Fields:

- p_dato (Date of the operation)

- p_time (Time of the operation)

- Condition:** Always called as part of the main program execution.

14. Customer Information

- Logic:** Calls the subroutine to retrieve customer information related to the store.

- File:** Not explicitly defined in the code.

•Fields:

- p_dato (Date of the operation)

- p_time (Time of the operation)

- Condition:** Always called as part of the main program execution.

15. Customer Notes

- Logic:** Calls the subroutine to retrieve notes related to customers of the store.

- File:** Not explicitly defined in the code.

- Field:** Not applicable.

- Condition:** Always called as part of the main program execution.

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 type information.

- Logic:** Gathers delivery type data based on the firm identifier.

- Impact:** Provides essential delivery information for processing orders.

2. BU711R (Product Type Retrieval)

- Trigger:** Called to retrieve product type information.

- Logic:** Gathers product type data based on the firm identifier.

- Impact:** Ensures accurate categorization of products for export.

3. BU712R (Price Code Retrieval)

- Trigger:** Called to retrieve price code information.

- Logic:** Gathers pricing structure based on the firm identifier.

- Impact:** Critical for applying correct pricing during sales transactions.

4. BU715R (Company Information Retrieval)

- Trigger:** Called to retrieve company information.

- Logic:** Gathers company-related data based on the firm identifier.

- Impact:** Provides necessary company details for export documentation.

5. BU716R (Department Information Retrieval)

- Trigger:** Called to retrieve department information.

- Logic:** Gathers department data based on the firm identifier.

- Impact:** Important for organizing products and sales by department.

6. BU717R (Warehouse Information Retrieval)

- Trigger:** Called to retrieve warehouse information.
- Logic:** Gathers warehouse data based on the firm identifier.
- Impact:** Essential for inventory management and logistics.

7. BU718R (Seller Information Retrieval)

- Trigger:** Called to retrieve seller information.
- Logic:** Gathers seller-related data based on the firm identifier.
- Impact:** Important for tracking sales and commissions.

8. BU720R (Product Group Information Retrieval)

- Trigger:** Called to retrieve product group information.
- Logic:** Gathers product group data based on the firm identifier.
- Impact:** Helps in categorizing products for analysis and reporting.

9. BU721R (Module Free Text Retrieval)

- Trigger:** Called to retrieve free text information for the module.
- Logic:** Gathers descriptive text related to the module.
- Impact:** Useful for documentation and user guidance.

10. BU725R (Product Information Retrieval)

- Trigger:** Called to retrieve detailed product information.
- Logic:** Gathers product details based on the firm identifier, date, time, and cash register number.
- Impact:** Critical for accurate product listings and sales processing.

11. BU726R (Product List Retrieval)

- Trigger:** Called to retrieve a list of products.
- Logic:** Gathers product list data based on the firm identifier.
- Impact:** Important for inventory and sales tracking.

12. BU728R (Offer Prices Retrieval)

- Trigger:** Called to retrieve offer prices for products.
- Logic:** Gathers pricing data based on the firm identifier, date, and time.
- Impact:** Essential for applying promotional pricing during sales.

13. BU729R (Deleted Products Retrieval)

- Trigger:** Called to retrieve information about deleted products.
- Logic:** Gathers data on products that are no longer available 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:** Gathers customer data based on the firm identifier, date, and time.
- Impact:** Critical for customer relationship management and sales tracking.

15. BU731R (Customer Notes Retrieval)

- Trigger:** Called to retrieve customer notes.
- Logic:** Gathers notes related to customers based on the firm identifier.
- Impact:** Useful for providing personalized service to customers.