

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 gather and process information related to store operations.

The core logic for the store export process is contained within the main program BU700R. This program serves as a controller that calls multiple subroutines to retrieve and process various types of data related to the store.

Data Retrieval Rules: Store Information

Store Export Process: BU700R

1. Delivery Type

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

2. Item Type

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

3. Price Code

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

4. Company Information

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

5. Department Information

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

6. Warehouse Information

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

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

7. Seller Information

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

8. Item Group Information

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

9. Module Free Text

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

10. Item Information

- Logic:** Calls the subroutine to retrieve detailed item information for the store.
- File:** Not explicitly defined in the provided code.
- Fields:**

- p_dato (Date for item information retrieval)
- p_time (Time for item information retrieval)
- p_kass (Cash register number)

- Condition:** Always executed as part of the main program flow.

11. Item List

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

12. Offer Prices

- Logic:** Calls the subroutine to retrieve offer prices for items in the store.
- File:** Not explicitly defined in the provided code.
- Fields:**

- p_dato (Date for offer price retrieval)
- p_time (Time for offer price retrieval)

- Condition:** Always executed as part of the main program flow.

13. Deleted Items

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

- Fields:**

- p_dato (Date for deleted item retrieval)

- p_time (Time for deleted item retrieval)

- Condition:** Always executed as part of the main program flow.

14. Customer Information

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

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

- Fields:**

- p_dato (Date for customer information retrieval)

- p_time (Time for customer information retrieval)

- Condition:** Always executed as part of the main program flow.

15. Customer Notes

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

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

- Field:** Not applicable.

- Condition:** Always executed as part of the main program flow.

Program Termination

1. Program Exit

- Logic:** Sets the last record indicator to on and returns control to the calling program.

- File:** Not applicable.

- Field:** Not applicable.

- Condition:** Always executed at the end of the program.

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 during the main program execution to retrieve delivery type information.

- Logic:** Retrieves delivery type details based on the store.

- Impact:** Provides essential information for processing store deliveries.

2. BU711R (Item Type Retrieval)

- Trigger:** Called during the main program execution to retrieve item type information.

- Logic:** Retrieves item type details based on the store.

- Impact:** Essential for categorizing items in the store.

3. BU712R (Price Code Retrieval)

- Trigger:** Called during the main program execution to retrieve price code information.

- Logic:** Retrieves price code details for items in the store.

- Impact:** Critical for pricing strategies and calculations.

4. BU715R (Company Information Retrieval)

- Trigger:** Called during the main program execution to retrieve company information.

- Logic:** Retrieves details about the company operating the store.

- Impact:** Important for compliance and reporting purposes.

5. BU716R (Department Information Retrieval)

- Trigger:** Called during the main program execution to retrieve department information.

- Logic:** Retrieves details about departments within the store.

- Impact:** Useful for organizational structure and reporting.

6. BU717R (Warehouse Information Retrieval)

- Trigger:** Called during the main program execution to retrieve warehouse information.

- Logic:** Retrieves details about warehouses associated with the store.

- Impact:** Essential for inventory management.

7. BU718R (Seller Information Retrieval)

- Trigger:** Called during the main program execution to retrieve seller information.

- Logic:** Retrieves details about sellers associated with the store.

- Impact:** Important for sales reporting and performance analysis.

8. BU720R (Item Group Information Retrieval)

- Trigger:** Called during the main program execution to retrieve item group information.

- Logic:** Retrieves details about groups of items in the store.

- Impact:** Useful for inventory categorization.

9. BU721R (Module Free Text Retrieval)

- Trigger:** Called during the main program execution to retrieve module free text information.

- Logic:** Retrieves free text details related to the module.

- Impact:** Provides additional context for module operations.

10. BU725R (Item Information Retrieval)

- Trigger:** Called during the main program execution to retrieve detailed item information.

- Logic:** Gathers comprehensive information about items in the store.

- Impact:** Critical for inventory and sales management.

11. BU726R (Item List Retrieval)

- Trigger:** Called during the main program execution to retrieve a list of items.

- Logic:** Compiles a list of items available in the store.

- Impact:** Important for inventory visibility.

12. BU728R (Offer Prices Retrieval)

- Trigger:** Called during the main program execution to retrieve offer prices.

- Logic:** Gathers information about promotional prices for items.

- Impact:** Essential for marketing and sales strategies.

13. BU729R (Deleted Items Retrieval)

- Trigger:** Called during the main program execution to retrieve information about deleted items.

- Logic:** Compiles data on items that are no longer available.

- Impact:** Important for inventory accuracy and reporting.

14. BU730R (Customer Information Retrieval)

- Trigger:** Called during the main program execution to retrieve customer information.

- Logic:** Gathers data on customers associated with the store.

- Impact:** Useful for customer relationship management.

15. BU731R (Customer Notes Retrieval)

- Trigger:** Called during the main program execution to retrieve customer notes.

- Logic:** Compiles notes related to customer interactions.

- Impact:** Important for personalized customer service.