

JM100R.MBR

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Business Logic for Campaign Header Maintenance

This document outlines the business rules that govern the maintenance of campaign headers within the RPG program JM100R. The primary focus is on the logic related to the handling of campaign data, including creation, updating, and deletion of campaign records.

The core logic for campaign header maintenance is contained within the *inzsr subroutine in JM100R. The program processes records from various files related to campaigns, allowing users to view, create, and modify campaign details through a subfile interface.

Campaign Management Rules: fjkahl1, fjkahl2, fjkahl3, fjkahl4, fjkahlr

1. Record Creation

- **Logic:** New campaign records can be created if the user inputs valid campaign details.
- **File:** fjkahl1 (Campaign header file)
- **Field:** jkahl1_kamp
- **Condition:** The process will not create a record if jkahl1_kamp is blank or already exists in the database.

2. Record Update

- **Logic:** Existing campaign records can be updated based on user input.
- **File:** fjkahl1 (Campaign header file)
- **Field:** jkahl1_kamp
- **Condition:** The process will update the record if jkahl1_kamp is found in the database.

3. Record Deletion

- **Logic:** Campaign records can be deleted from the database.
- **File:** fjkahl1 (Campaign header file)
- **Field:** jkahl1_kamp
- **Condition:** The process will delete the record if the user confirms the deletion action.

Subfile Management Rules: fjkahl1, fjkahl2, fjkahl3, fjkahl4

1. Subfile Display

- **Logic:** The subfile displays all campaign records for user interaction.
- **Files:**
 - fjkahl1 (Campaign header file)
 - fjkahl2 (Campaign date file)
- **Fields:**
 - jkahl1_kamp (Campaign code)
 - jkahl2_fdat (From date)
- **Condition:** The subfile will be populated if there are records in the campaign header file.

2. Subfile Navigation

- Logic:** Users can navigate through the subfile to select records for editing or deletion.
- File:** fjkahl1 (Campaign header file)
- Field:** jkahl1_kamp
- Condition:** Navigation is enabled only if records are present in the subfile.

Validation and Error Handling Rules

1. Input Validation

- Logic:** User inputs are validated to ensure data integrity.

- File:** fjkahl1 (Campaign header file)

- Fields:**

- jkahl1_kamp (Campaign code)

- jkahl2_fdat (From date)

- Condition:** The process will not proceed if required fields are blank or invalid.

2. Error Messaging

- Logic:** Error messages are displayed for invalid inputs or actions.

- File:** fjkahl1 (Campaign header file)

- Condition:** The process will display an error message if a user attempts to create a record that already exists.

Special Conditions (Program-Specific)

1. Campaign Price Maintenance (JM110R)

- Logic:** The program calls JM110R to maintain campaign prices associated with the campaign.

- File:** fjkahl1 (Campaign header file)

- Field:** jkahl1_kamp

- Condition:** This call is made when the user selects the option to maintain prices for a specific campaign.

2. Price Group Validation

- Logic:** The program validates the price group associated with the campaign.

- File:** ra30lr (Price group file)

- Field:** ra30lr_dkod

- Condition:** The process will check if the price group exists before allowing further actions.

Subprogram Calls Affecting Logic

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

1. RA530R (Price Group Validation)

- Trigger:** Called during the input validation process.

- Logic:** Validates whether the specified price group exists in the database.

- Impact:** This validation is crucial for ensuring that campaigns are associated with valid pricing structures.

2. JM110R (Campaign Price Maintenance)

- Trigger:** Called when the user opts to maintain prices for a campaign.
- Logic:** Handles the logic for updating or creating campaign prices.
- Impact:** This call is essential for maintaining the integrity of pricing data associated with campaigns.

3. VL711R (Price Group Retrieval)

- Trigger:** Called during program initialization to retrieve the current price group.
- Logic:** Fetches the current price group for the user session.
- Impact:** This retrieval is important for ensuring that the user is working with the correct pricing context.

This documentation provides a comprehensive overview of the business logic governing the campaign header maintenance process within the JM100R RPG program.