

BO312R.MBR

Path: NXCLOUD/rpgsrc/BO312R.MBR Generated: 2026-01-08 13:32:04 Processing Time: 15999ms

Business Logic for Kasseoppgjør (Cash Settlement)

This document outlines the business rules that govern the cash settlement process, based on an analysis of the RPG program BO312R. The primary focus is on how cash register settings are maintained and displayed within the system.

The core logic for handling cash register settings is contained within the init subroutine in BO312R. The program manages the display and manipulation of cash register records through subfile processing, allowing users to create, update, delete, and view cash register entries.

Order Status and Header Rules

Kasseoppgjør: bot2i1, bot2ir, bot2iu, bo312d

1. Display Subfile Records

- Logic:** The program retrieves and displays records from the cash register subfile, allowing users to view existing entries.
- File:** bot2i1 (Cash register entries)
- Field:** bot2i1_kass
- Condition:** The subfile is populated only if the current record number is not zero and the firm matches the user's firm.

2. Clear Subfile

- Logic:** Clears the current contents of the subfile before repopulating it with new data.
- File:** bo312d (Display file for subfile)
- Field:** w_srrn
- Condition:** The subfile is cleared whenever a new page is requested or when the user navigates back.

Configuration and Authorization Rules

1. Initialize Program Parameters

- Logic:** Sets up keys for positioning in the cash register files and initializes the display based on user parameters.
- Files:**
 - bot2i1 (Cash register entries)
 - bot2ir (Cash register settings)
- Fields:**
 - bot2i1_kass (from bot2i1)
 - bot2ir_kass (from bot2ir)
- Condition:** The program initializes with the user's firm and prepares to load the subfile.

2. Positioning Logic

- Logic:** Positions the cursor in the subfile based on user input or existing data.

- File:** bot2i1 (Cash register entries)
 - Field:** b3kass
 - Condition:** The cursor is positioned if the cash register field is not blank.
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Financial and Transactional Rules

1. Update Cash Register Entry

- Logic:** Updates an existing cash register entry or creates a new one if it does not exist.
- File:** bot2iu (Cash register update)
- Fields:**
 - bot2iu_kass (Cash register key)
 - b2bsty, b2gsty, b2grup, b2fsok (Various settings)
- Condition:** The entry is updated if it is found; otherwise, a new entry is created.

2. Delete Cash Register Entry

- Logic:** Deletes a specified cash register entry from the database.
 - File:** bot2iu (Cash register update)
 - Condition:** The entry is deleted if the user confirms the action through the delete window.
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Special Conditions (Program-Specific)

1. Handle New Entry Screen (C1BLD)

- Logic:** Manages the display and validation of the new entry screen for cash registers.
- File:** bo312d (Display file for new entry)
- Field:** c1kass
- Condition:** The screen is displayed for new entries, and validation checks are performed to ensure required fields are filled.

2. Handle Copying Entry Screen (K1WIN)

- Logic:** Manages the copying of existing cash register entries to create new entries.
 - File:** bot2ir (Cash register settings)
 - Fields:** k1kass (Source key), bot2ir_kass (Target key)
 - Condition:** The copying process is initiated if the source key is valid and not blank.
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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. dsp_subfile (Display Subfile)

- Trigger:** Called during the main processing loop to display the current state of the subfile.
- Logic:** Checks if there are records to display and manages the visibility of the subfile control.
- Impact:** This call ensures that users can see the current entries and navigate through them effectively.

2. clr_subfile (Clear Subfile)

- Trigger:** Called before populating the subfile with new data.
- Logic:** Clears existing records from the subfile to prepare for new entries.
- Impact:** This is a **necessary step** to prevent displaying outdated or incorrect data.

3. crt_subfile (Create Subfile)

- Trigger:** Called to populate the subfile with records from the database.
- Logic:** Reads records from the cash register file and writes them to the subfile for display.
- Impact:** This represents the **core functionality** of the program, enabling users to interact with cash register records.