FO410R.MBR

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Business Logic for Sletting av ordre (hele)

This document outlines the business rules that govern the deletion of orders in the RPG program(s) `FO410R`. The primary focus is on the conditions that will **block** an order from being deleted.

The core logic for order deletion is contained within the `Sletting av ordre` section in `FO410R`. An order must pass all the following checks to be processed.

Order Status and Header Rules

1. **Check if Order Header Exists**
* **Logic:** The program checks if the order header exists before deletion.
* **File:** `fohelur` (ORDRE-HODE-REGISTER)
* **Field:** `fohelu_numm`, `fohelu_suff`
* **Condition:** The order will not be deleted if `*in92` is equal to `*off` after chaining to `fohelur`. This indicates that the order header was not found.

2. **Check if Order Text Exists**
* **Logic:** The program attempts to read the order text for deletion.
* **File:** `fotxlur` (ORDRE-TEKST-REGISTER)
* **Field:** `fotxlu_numm`, `fotxlu_suff`
* **Condition:** The process will not delete an order if it cannot read from `fotxlur` indicating no associated text records.

3. **Check if Order Line Exists**
* **Logic:** The program verifies if any order line exists for deletion.
* **File:** `fodtlur` (ORDRE-LINJE-REGISTER)
* **Field:** `fodtlu_numm`, `fodtlu_suff`
* **Condition:** The process will not delete an order line if it cannot read from `fodtlur`, which implies that the line is missing.

4. **Check for Santander Payment Info**
* **Logic:** The program checks if there is a Santander payment record associated with the order.
* **File:** `rksjlur` (statusrecord for Santanderbetaling)
* **Field:** `rksjlu_jnum`, `rksjlu_jsuf`
* **Condition:** The order will not be deleted if a corresponding record is found in `rksjlur`, indicating associated payment information exists.

Configuration and Authorization Rules

5. **Authorization Check**
* **Logic:** The program verifies if the deletion operation is

authorized.

* **File:** `fdelur` (ORDRE-SLETTET-REGISTER)
* **Field:** `fdellu_aarr`, `fdellu_numm`, `fdellu_suff`
* **Condition:** The order will not be logged for deletion if `*in90` is equal to `*off`, meaning deletion isn't authorized.

Financial and Transactional Rules

6. **Financial Impact Validation**
* **Logic:** The program checks if there are any financial consequences of deleting the order.
* **File:** `fobran` (Examine other financial records)
* **Field:** `footyp`
* **Condition:** The deletion process will halt if the order type `footyp` indicates a payment type that requires further actions before deletion.

Special Conditions (Program-Specific)

7. **Check for Related Shipping Info**
* **Logic:** The program verifies if there are shipping-related records connected to the order.
* **File:** `foh2lur` (ORDRE-HODE-REGISTER SIDETABELL)
* **Field:** `fohelu_numm`, `fohelu_suff`
* **Condition:** The order will not be deleted if any shipping records are found in `foh2lur`.

Subprogram Calls Affecting Logic

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

1. **`FS710R` (Log Order Line Deletion)**
* **Trigger:** Called when order lines are about to be deleted.
* **Logic:** Logs order line details before physical deletion from `fodtlur`.
* **Impact:** Ensures that all deletion activities are recorded for audit purposes.

2. **`FS711R` (Finalize Order Deletion)**
* **Trigger:** Called after confirming all deletions and logging.
* **Logic:** Handles completion tasks post deletion making sure all related records are processed.
* **Impact:** Finalizes the order deletion process ensuring no residual records exist in the system. 3. **`VA750R` (Update Inventory)**
* **Trigger:** Called during the deletion of order lines if stock must be adjusted.
* **Logic:** Updates inventory levels based on the order being deleted.
* **Impact:** Maintains accurate inventory counts reflecting the deletion of order lines.