

FX785R.MBR

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Business Logic for ASOFAK Routine Conversion

This document outlines the business rules that govern the conversion of routine registers in the ASOFAK system, based on an analysis of the RPG program FX785R. The primary focus is on the logic that processes and updates routine records.

The core logic for converting routine registers is contained within the main processing loop in the FX785R program. The program reads records from the aforlur file, applies specific transformation rules based on the value of the afruti field, and updates the records accordingly.

Routine Processing Rules: aforlur

1. Set Fixed Value for Specific Routine Types

- **Logic:** If the afruti field matches any of the specified routine types (e.g., 'FTILB', 'FOBEK', etc.), the afacpi field is set to a fixed value of 15.
- **File:** aforlur (Routine Register)
- **Field:** afruti
- **Condition:** The process will set afacpi to 15 if afruti is one of the following: 'FTILB', 'FOBEK', 'FPLUKK', 'FPAKK', 'FPAKKNEG', 'FBEST', 'BPLUKK', 'BPAKK', 'BPAKKNEG'.

2. Transform Routine Codes

- **Logic:** The program transforms certain afruti values to new codes. For example, 'FP651' is changed to 'FH601', and 'FO202' is changed to 'FR612'.
- **File:** aforlur (Routine Register)
- **Field:** afruti
- **Condition:** The process will update afruti to a new value based on specific mappings defined in the program.

Update and Loop Logic

1. Update Routine Records

- **Logic:** After processing the afruti field, the updated record is written back to the aforlur file.
- **File:** aforlur (Routine Register)
- **Condition:** The record is updated after the transformations and assignments are completed for each read cycle.

Special Conditions (Program-Specific)

1. Program Initialization (FX785R)

- **Logic:** The program initializes by setting up necessary conditions before processing begins.
- **File:** aforlur (Routine Register)
- **Field:** N/A
- **Condition:** The initialization subroutine is called at the beginning of the program to prepare for processing.

2. Program Termination (FX785R)

- Logic:** The program sets the last record indicator to on and returns control to the calling program.
- File:** N/A
- Field:** N/A
- Condition:** The program will terminate cleanly by setting *inlr to *on.
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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. N/A (No external subprograms are called)

- Trigger:** N/A
- Logic:** N/A
- Impact:** The program operates independently without external calls affecting its logic.

This documentation provides a clear overview of the business logic implemented in the FX785R program, detailing how routine records are processed and updated based on specific rules.