

IT001R.MBR

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Business Logic for IT001R

This document outlines the business rules that govern the process of adding replication transactions to the NAV queue, based on an analysis of the RPG program IT001R. The primary focus is on how parameters are processed and written to a specific file.

The core logic for processing replication transactions is contained within the main program logic of IT001R. The program reads input parameters and writes them to a designated output file.

Parameter Handling Rules

IT001R: ITNASTR

1. Parameter Initialization

- Logic:** The program initializes various parameters received from the calling program to local variables for further processing.
- File:** ITNASTR (File for writing replication transactions)
- Field:** itfirm, itprog, itcomd, itparm, itousr
- Condition:** The program will only proceed to write to the file if these parameters are properly passed from the calling program.

File Writing Rules

1. Write Transaction Record

- Logic:** After initializing the parameters, the program writes a record to the output file ITNASTR containing the initialized values.
- File:** ITNASTR (File for writing replication transactions)
- Field:** itnastr
- Condition:** The record is written regardless of the content of the parameters, as long as they are initialized.

Program Termination Rules

1. Program Termination

- Logic:** The program sets the last record indicator to on and returns control to the calling program, indicating that the processing is complete.
- File:** None (This is a program control operation)
- Condition:** The program will terminate after writing the record, ensuring that all resources are released properly.

Subprogram Calls Affecting Logic

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

1. Initialization Subroutine

- Trigger:** This subroutine is called at the beginning of the program to set up the environment.
- Logic:** It initializes the parameters received from the calling program.
- Impact:** This subroutine ensures that all necessary parameters are available for processing, acting as a critical step in the program's execution.

2. Entry Point

- Trigger:** The program is invoked with parameters passed from a previous program.
- Logic:** It receives parameters such as firm, program name, command, and user information.
- Impact:** This is essential for the program's operation, as it dictates the context in which the replication transaction is processed.

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This documentation provides a clear overview of the business logic implemented in the IT001R program, focusing on how it handles parameters and writes to the output file.