COUSR02C-cbl-0.4.4

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Documentation

1. High Level Overview Of This Program

1.1. Program Name

COUSR02C

1.2. Main Purpose

The main purpose of COUSR02C is to update user information in the USRSEC file within a CICS environment. It allows for the modification of user details such as first name, last name, password, and user type.

1.3. Business Context

This program is part of the CardDemo application, which appears to be a credit card management system. COUSR02C specifically handles the user management aspect of the application, allowing for the maintenance and updating of user records within the system.

1.4. Key Features

1. User Lookup: The program can fetch existing user information based on the provided user ID (USRIDINI).
2. Data Modification: It allows updating of user details including first name (FNAMEI), last name (LNAMEI), password (PASSWDI), and user type (USRTYPEI).
3. Data Validation: The program performs basic validation checks, such as ensuring that required fields are not empty.
4. User Interface Interaction: It handles screen interactions using CICS BMS, displaying and receiving data through the COUSR2A map.
5. Error Handling: The program includes error handling mechanisms, setting flags (WS-ERR-FLG) and displaying error messages (ERRMSGO).
6. File Operations: It performs read and update operations on the USRSEC file to retrieve and modify user data.

1.5. Input Output

Input Tables:
N/A

Output Tables:
N/A

Input Files:
1. USRSEC: This file contains user security information. The program reads from this file to retrieve existing user data for modification.

Output Files:
1. USRSEC: The program writes updated user information back to this file after modifications are made.

Miscellaneous Input:
1. User Input: The program receives user input through the COUSR2A map, including user ID, first name, last name, password, and user type.
2. DFHCOMMAREA: The program receives data through the CICS communication area, which includes information about the program context and user selection.

Miscellaneous Output:
1. Screen Output: The program sends data to the COUSR2A map to display user information and error messages.
2. DFHCOMMAREA: The program updates the CICS communication area with information about the current transaction and program state.

1.6. Integration

This program does not interact with any external systems beyond the CICS environment and the USRSEC file. It is primarily integrated within the CardDemo application, handling user data management operations.