

FL100R.MBR

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Business Logic for Customer Project Maintenance

This document outlines the business rules that govern the customer project maintenance process, based on an analysis of the RPG program FL100R. The primary focus is on how customer projects are managed, displayed, and modified within the system.

The core logic for managing customer projects is contained within various subroutines in FL100R. The program handles the display and manipulation of customer project data through subfile processing, allowing users to filter, search, and update project information.

Customer Project and Subfile Rules

Customer Project Maintenance: fkpspf, fkprlr, fkprlu, fkprl1, fkprl2, fkprl3, fkprl5, fkprl6, rkunl1

1. Display Subfile

- Logic:** The program displays customer projects in a subfile format, allowing users to navigate through records.
- File:** fkpspf (Customer Project File)
- Field:** Various fields including flskun, flskpr, flstek
- Condition:** The subfile is populated based on user input and filtering criteria.

2. Filter Projects

- Logic:** Users can filter projects based on specific criteria, such as customer number or project name.
- File:** fkpspf (Customer Project File)
- Field:** b2stek (Search Text)
- Condition:** The filter is applied when the user presses the F1 key, triggering the filtering logic.

Configuration and Authorization Rules

1. User Permissions for Special Prices

- Logic:** The program checks if the user has permissions to view and maintain special prices and discount matrices.
- Files:**
 - fkpspf (Customer Project File)
 - rkunl1 (Customer File)
- Fields:**
 - l_firm (Firm Identifier from Local Data Area)
 - co402_verdi1 (Permission Indicator)
- Condition:** The permissions are checked at the start of the program and affect the visibility of certain options.

2. Project Deletion Confirmation

- Logic:** Before deleting a project, the program prompts the user for confirmation.

- File:** fkprlr (Customer Project Relation File)
- Field:** d1kund, d1kpro (Customer and Project IDs)
- Condition:** The deletion process is initiated only after user confirmation.

Financial and Transactional Rules

1. Update Customer Project

- Logic:** When a project is updated, the program modifies the corresponding records in the database.
- File:** fkprlr (Customer Project Relation File)
- Fields:**
 - fkprlr_kund (Customer ID)
 - fkprlr_kpro (Project ID)
- Condition:** The update occurs when the user selects a project and confirms the changes.

2. Copy Customer Project

- Logic:** The program allows users to copy existing projects, creating a new entry with the same details.
- File:** fkprlr (Customer Project Relation File)
- Condition:** The copy operation is triggered by user action and follows the validation checks.

Special Conditions (Program-Specific)

1. Data Cleanup for Newlook Compatibility (FL100R)

- Logic:** The program removes characters that may cause issues with the Newlook interface.
- File:** fkpspf (Customer Project File)
- Field:** b1navn (Customer Name)
- Condition:** This cleanup is performed during the subfile processing to ensure compatibility.

2. Display Customer Project Details (FL100R)

- Logic:** When viewing project details, the program retrieves and displays all relevant information for the selected project.
- File:** fkprlr (Customer Project Relation File)
- Fields:** Various fields including flnavn, flselg, flfdat
- Condition:** This display occurs after a project is selected by the user.

Subprogram Calls Affecting Logic

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

1. CO402R (Check Special Prices and Discounts)

- Trigger:** Called during program initialization to check user permissions.
- Logic:** This program checks if the user has access to special pricing features.
- Impact:** Affects the visibility of options related to special prices and discount matrices.

2. FL400R (Delete Customer Project)

- Trigger:** Called when a user confirms the deletion of a project.
- Logic:** This program handles the deletion process, including any related records.

- Impact:** Ensures that all related data is cleaned up properly upon project deletion.

3. FL105R (Display Customer Project Details)

- Trigger:** Called when a user selects a project to view its details.

- Logic:** This program retrieves and displays detailed information about the selected project.

- Impact:** Represents the handoff to the next major business function of viewing project details.

This documentation provides a comprehensive overview of the business logic implemented in the FL100R program, detailing how customer projects are managed within the system.