

AN060R.MBR

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Business Logic for AN060R

This document outlines the business rules that govern the processing of historical job data during night jobs, based on an analysis of the RPG program AN060R. The primary focus is on the logic that handles the querying, updating, and deletion of historical records associated with night jobs. The core logic for managing historical job records is contained within the *inzsr subroutine in AN060R. The program processes user input through a subfile interface, allowing users to view, update, and delete records related to night jobs.

Order Status and Header Rules

AN060R: ahstpfr (Historical Job Records), fan060d (Display File)

1. Display Historical Records

- **Logic:** The program retrieves and displays historical job records based on user input.
- **File:** ahstpfr (Historical Job Records)
- **Field:** ahdato (Job Date)
- **Condition:** The process will not display records if the job date is not valid or if there are no records to display.

2. Update Job Status

- **Logic:** When a job fails, the program updates the status of the corresponding historical record to indicate the failure.
- **File:** ahstpfr (Historical Job Records)
- **Field:** ahtxt1 (Job Status Text)
- **Condition:** The update occurs if the user selects the option to mark a job as failed.

Configuration and Authorization Rules

1. Subfile Initialization

- **Logic:** The program initializes the subfile for displaying job records, setting necessary counters and flags.
- **Files:**
 - fan060d (Display File)
- **Fields:**
 - spge01 (Subfile Page Size)
 - srrn01 (Subfile Record Number)
- **Condition:** This initialization occurs when the program starts or when the user requests a refresh.

2. Clear Subfile

- **Logic:** The program clears the subfile to prepare for new data to be displayed.
- **File:** fan060d (Display File)
- **Field:** b1sfl (Subfile Records)

- **Condition:** This action is triggered when the user refreshes the view or when the program initializes.

Financial and Transactional Rules

1. Delete Historical Record

- **Logic:** The program allows the user to delete a selected historical job record from the database.

- **File:** ahstpfr (Historical Job Records)

- **Fields:**

- ahdato (Job Date)

- ahrtid (Job Time ID)

- **Condition:** The deletion occurs if the user selects the delete option for a specific record.

2. Confirm Job Failure

- **Logic:** The program confirms the failure of a night job by updating the historical record.

- **File:** ahstpfr (Historical Job Records)

- **Condition:** This confirmation is executed when the user selects the option to indicate a job failure.

Special Conditions (Program-Specific)

1. Handle Job Failure (AN060R)

- **Logic:** If a job fails, the program updates the corresponding historical record to reflect the failure status.

- **File:** ahstpfr (Historical Job Records)

- **Field:** ahtxt1 (Job Status Text)

- **Condition:** This update is performed if the user selects the specific option for marking a job as failed. Note: This logic was added in version R6.10.

2. Display Confirmation Window (AN060R)

- **Logic:** The program displays a confirmation window when a user attempts to delete a record.

- **File:** fan060d (Display File)

- **Fields:** d1win (Delete Confirmation Window)

- **Condition:** This window is triggered when the user selects the delete option for a record.

Subprogram Calls Affecting Logic

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

1. xdsp01 (Display Subfile)

- **Trigger:** This subroutine is called to display the contents of the subfile.

- **Logic:** It checks if there are records to display and formats the output accordingly.

- **Impact:** This call is essential for presenting the user with the historical job records.

2. xd1win (Delete Confirmation Window)

- **Trigger:** This subroutine is invoked when the user initiates a delete action.

- **Logic:** It handles the display of a confirmation window for the delete action.

- **Impact:** This ensures that users confirm their intention to delete a record, preventing accidental deletions.

3. xclr01 (Clear Subfile)

- Trigger:** This subroutine is called to clear the subfile before populating it with new data.
- Logic:** It resets all necessary flags and counters for the subfile.
- Impact:** This is crucial for maintaining the integrity of the data displayed in the subfile.