March 1, 2001

Error Report 1724

Program PPP946 creates RA transaction files from the PPRRRA table for retroactive pay processing. Error report 1724 reported an error in the sub-selects for the PPRRRA table. The sub-selects matched on Process Sequence, but were not qualified for Process ID. In the case reported, the existence of an unwritten Sequence 0100 for one Process ID caused the already written Sequence 0100 rows for another Process ID to be written again. This results in duplicate pay transactions.

The error could affect any processing that created partial RA transaction files for a given Process ID and Sequence ID when there was another open Process ID on the PPRRPG table.

Programs

PPP946
PPP946 has been modified to correctly qualify SQL sub-selects with RPG Process ID.

Test Plan

This release was tested at UCOP by performing before and after tests. In addition, the changes were tested against the campus production data that triggered the error report.

1. Create an RPG table containing two different Process ID's. Set up at least one Process Sequence row with a valid Load Date but initial value Write Date. Set up another Process Sequence Row for the same Process ID with both a valid Load and Write Date, i.e. mark it as previously written. Then set up a row with the same
Process Sequence for the other Process ID, but with an initial value Write Date, i.e. mark it as not written. Establish PPPRRA data for all the Process ID's and Sequences.

The released PDS UDB2RPG contains PPPRPG and matching PPPRRA data.

2. Run the previous version of PPP946 to process the Process ID with the two PPPRPG Process Sequences, one of which is marked as written. The PPP946I report totals will indicate that more records were written than exist for the targeted Process ID and Sequence. The output files will contain data for both Process Sequences even though the one Process Sequence was marked as previously written.

3. Reload the PPPRPG and PPPRRA tables.

4. Install the release version of PPP946. Repeat step 2. This time the report and output files will only contain data for the previously unwritten Process Sequence.

Installation Instructions

1. Install the modifications to program PPP946.
2. DB2 pre-compile, compile and link Batch program PPP946.
3. Bind the plan for PPP946.

Timing of Installation

The installation of this release is Urgent if a campus is processing partial releases of RA transactions from a Process ID and has loaded other active Process ID's onto the PPPRPG table. Even if neither condition applies locally, installation is encouraged to ensure against future errors. If such processing has already occurred, its results should be scrutinized for possible duplicate pay transactions.

As usual, campuses are encouraged to install this release in as timely a fashion as possible and in the normal numeric sequence.

If there are any questions, please send electronic mail to Phil.Thompson@ucop.edu, or call at (510) 987-0468.

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