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Re: Release: 1312
Reference Release: 1304
Service Request: EFIX
Error Reports: 1706, 1707
Programs: PPCTTGBE, PPCTTORE, PPCTTPAE, PPCTTPBE, PPCTTPCE, PPCTTSBE, PPCTTSLE, PPCTTSRE, PPP004
CICS Programs: None
Copymembers: None
Include Members: None
DDL Members: None
Bind Members: None
CICS Maps: None
Forms: None
Table Updates: System Messages Table
Urgency: Not Urgent (See Timing of Installation)

Error Report 1706
Error Report 1706 reported a problem with two of the transaction edit modules issued for the new Title Code Table update process, PPCTTPBE and PPCTTPBCE. When a transaction effective date was blank, an error message was issued. However, DB2 table access was still attempted using the blank date field in the SQL SELECT. This resulted in a -180 SQLCODE for an invalid date/timestamp value. Subsequent testing identified other edit modules with the same code structure.

Error Report 1707
Error report 1707 reported that PPP004 did not stop and perform a DB2 Rollback when the negative SQLCODE's reported in Error report 1706 occurred.

Programs

PPCTTGBE
PPCTTGBE is the transaction edit program for the PPPTGB table. It has been modified to bypass table access when the transaction effective date is blank. When a negative SQLCODE occurs the new level 8 CT-005 message is issued which causes PPP004 to stop processing and Rollback all updates.

PPCTTORE
PPCTTORE is the transaction edit program for the PPPTOR table. It has been modified to bypass table access when the transaction effective date is blank. When a negative SQLCODE occurs the new level 8 CT-005 message is issued which causes PPP004 to stop processing and Rollback all updates.
PPCTTPAE
PPCTTPAE is the transaction edit program for the PPPTPA table. It has been modified to bypass table access when the transaction effective date is blank. When a negative SQLCODE occurs the new level 8 CT-005 message is issued which causes PPP004 to stop processing and Rollback all updates.

PPCTTPBE
PPCTTPBE is the transaction edit program for the PPPTPB table. It has been modified to bypass table access when the transaction effective date is blank. When a negative SQLCODE occurs the new level 8 CT-005 message is issued which causes PPP004 to stop processing and Rollback all updates.

PPCTTPCE
PPCTTPCE is the transaction edit program for the PPPTPC table. It has been modified to bypass table access when the transaction effective date is blank. When a negative SQLCODE occurs the new level 8 CT-005 message is issued which causes PPP004 to stop processing and Rollback all updates.

PPCTTSBE
PPCTTSBE is the transaction edit program for the PPPTSB table. It has been modified to bypass table access when the transaction effective date is blank. When a negative SQLCODE occurs the new level 8 CT-005 message is issued which causes PPP004 to stop processing and Rollback all updates.

PPCTTSLE
PPCTTSLE is the transaction edit program for the PPPTSL table. It has been modified to bypass table access when the transaction effective date is blank. When a negative SQLCODE occurs the new level 8 CT-005 message is issued which causes PPP004 to stop processing and Rollback all updates.

PPCTTSRE
PPCTTSRE is the transaction edit program for the PPPTSR table. It has been modified to bypass table access when the transaction effective date is blank. When a negative SQLCODE occurs the new level 8 CT-005 message is issued which causes PPP004 to stop processing and Rollback all updates.

PPP004
PPP004 is the main driver for the Title Code Table update process. When the new level 8 CT-005 or 9 message has been issued, PPP004 will perform a Rollback of all DB2 updates.

Test Plan
This release was tested at UCOP by performing before and after tests.

1. Load a Title Code Table.
2. Update the System Messages Table with the new message issued in this release.
3. Create Title Code Table update transactions with some correct transactions and some with blank effective dates.
4. Run the previous version of PPP004 in UPDATE mode to update the Title Code Table. A -180 SQLCODE will be issued for each transaction for the affected tables with a blank effective date. Error message 01-227 or 01-321, depending on the table, should also be issued to the PPP0100 report. PPP004 will process to the end. Note that any updates will have taken place.
5. Reload the Title Code Table.
6. Install the release version of PPP004. Repeat step 1. This time the -180 SQLCODE will be issued for the first transaction only. PPP004 will stop with a Condition Code 8. The new CT-005 message should be issued to the PP0133 report. The updates should not occur.
7. Install the release versions of the various table edit programs. Repeat step 1. This time the -180 SQLCODE will not be issued. The error messages will still be issued. PPP004 will run to successful end of job, and the updates will occur.
Installation Instructions

1. Install the modified programs PPCTTGBE, PPCTTORE, PPCTTPAE, PPCTTPBE, PPCTTPCE, PPCTTSBE, PPCTTSLE, PPCTTSRE and PPP004.
2. DB2 pre-compile, compile and link Batch programs PPCTTGBE, PPCTTORE, PPCTTPAE, PPCTTPBE, PPCTTPCE, PPCTTSBE, PPCTTSLE, PPCTTSRE and PPP004
3. Bind the plan for PPP004.
4. Run PPP010 to update the following VSAM CTL tables
   • System Messages Table: Use the transactions in CARDLIB (MSGPROD); or key from the provided UPAY554 facsimile.
5. Run PPP851 to update the following DB2 CTL tables.
   • System Messages Table (08)

Timing of Installation

The installation of this release is Not Urgent. Those campuses installing Release 1304 should install this release together with 1304.

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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