RELEASE 1332

Error Reports 1718, 1720, 1721
Modify Update Title Code Tables Process

Test Plan

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**Testing Overview**

This test plan addresses the job runs and test cases constructed to verify the correct installation of Release 1332. Steps 1-3 should be run with pre-release objects. Steps 5-7 should be run with release changes.

The test plan is made up of the following components.

1. Title Code Tables Initial Load (LOADTCT)
2. EDB Database Load (LOADEDB) *(optional)*
3. Update Title Code Tables (RUN004A)
4. Update Title Code Tables (RUN004B)
5. Update Title Code Tables (RUN004C)
6. Employee Document (RUN750A)
7. Install Release Changes
8. Reload Title Code Tables (LOADTCT)
9. Update Title Code Tables with Modified Programs (RUN004D)
10. Employee Document with Modified Programs (RUN750B)
11. Online Employee Documents with Modified Programs (IDOC)

The update transaction layouts for the Update Title Code Tables can be found on the following forms:

<table>
<thead>
<tr>
<th>Form</th>
<th>DB2 Table</th>
<th>TCT Table</th>
<th>Transaction</th>
</tr>
</thead>
<tbody>
<tr>
<td>UPAY787</td>
<td>PPPTCI</td>
<td>33</td>
<td>01, 02, 03, 04, 05</td>
</tr>
<tr>
<td>UPAY788</td>
<td>PPPTPA</td>
<td>33</td>
<td>11</td>
</tr>
<tr>
<td>UPAY788</td>
<td>PPPTPB</td>
<td>33</td>
<td>12</td>
</tr>
<tr>
<td>UPAY788</td>
<td>PPPTPC</td>
<td>33</td>
<td>13</td>
</tr>
<tr>
<td>UPAY791</td>
<td>PPPTGB</td>
<td>33</td>
<td>41</td>
</tr>
<tr>
<td>UPAY792</td>
<td>PPPTSL</td>
<td>33</td>
<td>31</td>
</tr>
<tr>
<td>UPAY792</td>
<td>PPPTSB</td>
<td>33</td>
<td>52</td>
</tr>
<tr>
<td>UPAY792</td>
<td>PPPTRR</td>
<td>33</td>
<td>53</td>
</tr>
<tr>
<td>UPAY792</td>
<td>PPPTSR</td>
<td>33</td>
<td>.54</td>
</tr>
<tr>
<td>UPAY792</td>
<td>PPPTOR</td>
<td>33</td>
<td>55</td>
</tr>
<tr>
<td>UPAY793</td>
<td>PPPSGT</td>
<td>34</td>
<td>01</td>
</tr>
</tbody>
</table>
Title Code Tables Initial Load (LOADTCT)

Description

This job loads the Title Code Tables.

Verification

Ensure that the TCT has been successfully restored by verifying normal completion.
**EDB Database Load (LOADEDDB)**

**Description**

This job loads the test EDB. This is optional, since any Employee ID with appointment data can be selected from your own EDB for the RUN750A, RUN750B and online IDOC test. The test results for those steps in this document refer to this EDB.

**Verification**

Ensure that the EDB has been successfully restored by verifying normal completion.
Update Title Code Tables (RUN004A)

Description

This job updates various Title Code Tables using the pre-release versions of the Title Code Table edit and update programs. The test transactions are in CARDLIB(TEST004A).

Note that not all the test cases reach the point that will be modified due to failure of a higher level transactions. For example, the A3313 7801 COV transaction fails with a message indicating a non-existent rate set. This is because the higher level A3312 7801 COV transactions failed. However, the final test with modified programs will prove that have the same Begin and End Effective Date on a 3313 transaction is accepted.

INPUT8 edits:

00000000 did not translate as a valid date in the previous version of XDC3_VALIDATE-INPUT8-TO-ISO, a standard PPS XDC3 date routine.

<table>
<thead>
<tr>
<th>Program</th>
<th>Table</th>
<th>Transaction</th>
<th>Title Code / Grade</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPCTTCIE</td>
<td>PPPTCI</td>
<td>A3301</td>
<td>7800</td>
<td>Rejected: Message 01-227</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A3302</td>
<td>7800</td>
<td>Rejected: Message 01-227</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A3303</td>
<td>7802</td>
<td></td>
</tr>
<tr>
<td>PPCTTPAE</td>
<td>PPPTPA</td>
<td>A3311</td>
<td>7800 COV</td>
<td>Rejected: Message 01-227</td>
</tr>
<tr>
<td>PPCTTPBE</td>
<td>PPPTPB</td>
<td>A3312</td>
<td>7800 COV</td>
<td>Rejected: Message 01-321</td>
</tr>
<tr>
<td>PPCTTPCE</td>
<td>PPPTPC</td>
<td>A3313</td>
<td>7800 COV</td>
<td>Rejected: Message 01-321</td>
</tr>
<tr>
<td>PPCTTSL</td>
<td>PPPTSL</td>
<td>A3331</td>
<td>7802 UNC</td>
<td>Rejected: Message 01-227</td>
</tr>
<tr>
<td>PPCTTSBE</td>
<td>PPPTSBE</td>
<td>A3352</td>
<td>7802 UNC</td>
<td>Rejected: Message 01-321</td>
</tr>
<tr>
<td>PPCTTRRE</td>
<td>PPPTTR</td>
<td>A3353</td>
<td>7802 UNC</td>
<td>Rejected: Message 01-321</td>
</tr>
<tr>
<td>PPCTTSRE</td>
<td>PPPTSR</td>
<td>A3354</td>
<td>7802 UNC</td>
<td>Rejected: Message 01-321</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C5354</td>
<td>7802 UNC</td>
<td>Rejected: Message 01-321</td>
</tr>
<tr>
<td>PPCTTORE</td>
<td>PPPTOR</td>
<td>A3355</td>
<td>7802 UNC</td>
<td>Rejected: Message 01-321</td>
</tr>
<tr>
<td>PPCTSGTE</td>
<td>PPPSGT</td>
<td>A3401</td>
<td>MS9</td>
<td>Rejected: Message 01-227</td>
</tr>
</tbody>
</table>

Same Begin and End Effective Date edits:

The edit for End Effective Date in the previous versions of the following modules required that it be greater than the Begin Effective Date.

<table>
<thead>
<tr>
<th>Program</th>
<th>Table</th>
<th>Transaction</th>
<th>Title Code</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPCTTCIE</td>
<td>PPPTCI</td>
<td>A3301</td>
<td>7801</td>
<td>No message</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A3302</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A3303</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PPCTTPAE</td>
<td>PPPTPA</td>
<td>A3311</td>
<td>7801</td>
<td>No message</td>
</tr>
<tr>
<td>PPCTTPBE</td>
<td>PPPTPB</td>
<td>A3312</td>
<td>7801 COV</td>
<td>Rejected: Message 01-324</td>
</tr>
</tbody>
</table>
Program Table Transaction Title Code Result
PPCTTPCE PPPTPC A3313 7801 COV Rejected: Message 01-337
PPCTTSLE PPPTSL A3331 7802 COV Rejected: Message 01-245
PPCTTSBE PPPTSB A3352 7802 COV Rejected: Message 01-324
PPCTTRRE PPPTRR A3353 7802 COV Rejected: Message 01-337
PPCTTSRE PPPTSR A3354 7802 COV Rejected: Message 01-324
PPCTTTORE PPPTOR A3355 7802 COV Rejected: Message 01-324
C3355 7802 COV Rejected: Message 01-028

Shift Rate edits:

The edit for Shift Rate in the previous version of the following module checked if it was greater than zero, yet issued a message stating that the rate was not numeric. The edit should have been for NUMERIC.

Program Table Transaction Title Code Result
PPCTTSRE PPPTSR A3354 7802 COV Rejected: Message 01-333

Sub-Location edits:

The edit for Sub-Location in the previous version of the following module correctly checked if it was valid, but when it was not, incorrectly issued a message referring to a non-numeric rate.

Program Table Transaction Title Code Result
PPCTTRRE PPPTRR A3353 7802 UNC Rejected: Message 01-333

Verification

Confirm in the PPP0100 report that the expected results occurred.
The job should end with a Condition Code 7 due to the Employee Reject level messages.
Update Title Code Tables (RUN004B)

Description

This job updates one Title Code Tables using the pre-release version of the Title Code Table edit. The test transactions are in CARDLIB(TEST004B).

INPUT8 edits:

00000000 did not translate as a valid date in the previous version of XDC3_VALIDATE-INPUT8-TO-ISO, a standard PPS XDC3 date routine.

<table>
<thead>
<tr>
<th>Program</th>
<th>Table</th>
<th>Transaction</th>
<th>Title Code / Grade</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPCTTGBE</td>
<td>PPPTGB</td>
<td>A3341</td>
<td>7800 COV</td>
<td>Rejected: Message 01-227</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>See Operations Message CT-005</td>
</tr>
</tbody>
</table>

Verification

Confirm in the PPP0100 report that the expected results occurred.

The job should end with a Condition Code 8. This is caused by the fact that the invalid date edit results in an invalid date value in a working storage field WS-EFFECTIVE-DATE which is used in a SELECT from the PPPSGT table. This produces a negative SQL error code of -180.

The following message should appear at the end of the PPP0100 report:

------> TABLE UPDATES WERE NOT COMMITTED DUE TO SEE-OPERATIONS OR SEE-SYSTEMS ERROR <-----
Update Title Code Tables (RUN004C)

Description

This job updates one Title Code Tables using the pre-release version of the Title Code Table edit. The test transactions are in CARDLIB(TEST004C).

The job should end with a Condition Code 9. This is caused by the fact that the 88 value checking transaction type in PPCTTPCU incorrectly performs two checks for a change transaction and none for a delete transaction. The delete falls through and results in an invalid transaction condition. The application does not expect this condition at this point in the process, and fails.

Delete Transactions for Academic Rates.

<table>
<thead>
<tr>
<th>Program</th>
<th>Table</th>
<th>Transaction</th>
<th>Title Code / Grade</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPCTTPBE</td>
<td>PPPTPB</td>
<td>D3312</td>
<td>0840</td>
<td>No message</td>
</tr>
<tr>
<td>PPCTTPCU</td>
<td>PPPTPC</td>
<td>D3313</td>
<td>1103</td>
<td>See Systems Message CT-001</td>
</tr>
</tbody>
</table>

Verification

Confirm in the PPP0100 report that the expected results occurred.

The job should end with a Condition Code 9. This is caused by the invalid transaction condition late in the process.

The following message should appear at the end of the PPP0100 report:

----> TABLE UPDATES WERE NOT COMMITTED DUE TO SEE-OPERATIONS OR SEE-SYSTEMS ERROR <----
Employee Document (RUN750A)

Description

This batch job prints Employee Documents. This test requests a Summary of Initial Hire or Rehire report, which includes an Appointment Information section. When executing the pre-release version of PPDXAPPT, the Title Code field is left blank.

See UPAY 837 for layout of input transactions. This test reads in an EMID for Employee ID 777000002 with a Selection Code of "01" for Hire/Rehire Staff.

Verification

Confirm that the Summary of Initial Hire or Rehire report was printed. In the Appointment Information find the following Title Code lines:

(1) PROGRAMMER/ANALYST III-SUPVR  Title Code: Grade: None
(2) PROGRAMMER/ANALYST III-SUPVR  Title Code: Grade: None

Confirm that the Title Code description is printed, but the Title Code itself is not. This is the error reported in Error Report 1718.
Install Release Changes

Description

Install the modifications in this release.
Reload Title Code Tables (LOADTCT)

Description

This job reloads the Title Code Tables with the original data. Theoretically none of the previous update jobs actually updated anything, but this assures you are starting with the same conditions.

Verification

Ensure that the TCT has been successfully restored by verifying normal completion.
Update Title Code Tables with Modified Programs (RUN004D)

Description

This job updates various Title Code Tables using the modified release versions of the Title Code Table edit and update programs. The test transactions are in CARDLIB(TEST004D).

Verification

The conditions checked in RUN004A, RUN004B and RUN004C must now be re-checked for correct results.

All the transactions should be accepted except one. The invalid Sub-Location for A3353 7802 UNC should still be rejected, but the issued message should now be the correct one 01-329.

Although the delete transactions for the PPPTPB and PPPTPC table still appear as such, they should have been converted to change transactions internally to retain the history for academic rates. Confirm in the SPUFI reports that the rows still exist, and with the updated End Effective Dates. Also confirm that the value for TPB_UPDT_SOURCE is "PPP004". This confirms a minor fix to PPCTTPBU.
Employee Document with Modified Programs (RUN750B)

This batch job prints Employee Documents. This test again requests a Summary of Initial Hire or Rehire report, which includes an Appointment Information section. When executing the release version of PPDXAPPT, the Title Code field displays the Title Code. See UPAY 837 for layout of input transactions. This test reads in an EMID for Employee ID 777000002 with a Selection Code of "01" for Hire/Rehire Staff.

Verification

Confirm that the Summary of Initial Hire or Rehire report was printed. In the Appointment Information find the following Title Code lines:

(1) PROGRAMMER/ANALYST III-SUPVR  Title Code: 7274  Grade: None
(2) PROGRAMMER/ANALYST III-SUPVR  Title Code: 7274  Grade: None

Confirm that both the Title Code description and Title Code itself are printed.
Online Employee Documents with Modified Programs (IDOC)

Description

The IDOC online function prints Employee Documents. This test, like the RUN750 tests, prints a Summary of Initial Hire or Rehire. This online test should be using the release version of PPDXAPPT.

Logon to the Online Applications Main Menu.

Enter the IDOC function using the same ID used in the RUN750B test, in this case 777000002. Press Enter.


Verification

Obtain the printed document from the printer selected for your online region.

Confirm that the Summary of Initial Hire or Rehire report was printed. Confirm that the Title Code description and Title Code both appear in the two appointment data lines, as for RUN750B.