Test Plan
RELEASE 1255

Corrections to Release 1253

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Information Systems & Computing
Office of the President
University of California
Testing Overview

This test plan addresses the test runs and cases constructed to verify the correct installation of Release 1255. The test is made up of the following components:

1. Control Table Data Base (CTL) Initial Load (LOADCTL)
2. Employee Data Base (EDB) Initial Load (LOADEDB)
3. One-time Process (PPOT1255)
4. EDB Maintenance (FMAINT)
CONTROL TABLE (CTL) INITIAL LOAD (LOADCTL)

Description

This job loads the DB2 CTL database.

Verification

Ensure that the DB2 CTL has been successfully restored by verifying normal completion of the job and ensuring that all tables have been successfully loaded into the database.
EMPLOYEE DATA BASE (EDB) INITIAL LOAD (LOADEDDB)

**Description**

This job loads the EDB database.

**Verification**

In order to assure successful completion of this job, verify that the EDB has been successfully restored by verifying normal completion of the job and ensuring that all tables have been successfully loaded into the database.
ONE TIME PROCESS (PPOT1255)

Description

This process populates the new PPPPER table columns for separated employees.

Verification

Determine that the anticipated Employee Change File is produced. It can be compared with the PAYDIST.R1255.OTEDBCHG dataset included in this release. Also, view employee records on-line using function EEID to observe that the new name component columns have been populated and using the IPER function to observe that the new directory and employee organization release flags have been set. The Employee ID Numbers of the separated employees in the test EDB are:

- 000000087  LECTURER 9MO,ACAD
- 000000089  SR LECTURER 9/9,ACAD
- 000000091  ASSOC LIBR TEMP STAT,ACAD
- 000050051  BREAKER,J. L.
- 000050061  CABOODLE,KIT ANNE
- 000050089  CESTRA,ANNE
- 000050091  CLARE,IDY
- 200000091  ASSOC LIBR TEMP STAT,ACAD

Note that, following the run of PPOT1255, for each of these employees the new release flag columns and name component columns are populated and the NET_ID column contains spaces.
Batch EDB Maintenance Process (FMAINT)

Description

This job executes programs PPP020, PPP050, PPP080, PPP100, PPP120 and PPP100 to apply name change transactions to the EDB. The transactions are provided in:

    PAYDIST.R1255.CARDEXP(FMTRANS)

This job exercises the application of the new N1 and N2 transactions through the regular batch file maintenance process. The intent of this test is to demonstrate that an explicit change to one name component, e.g., FIRST_NAME, causes a correct re-derivation of the composite name value in column EMP_NAME.

The job produces changes to the EDB and an Employee Change File.

Verification

Test Cases

The following test examples demonstrate the corrected functionality introduced into the daily EDB maintenance process with release 1255:

Employee ID 00005001

This employee’s name is being changed as follows:

<table>
<thead>
<tr>
<th>Name Component</th>
<th>Prior Value</th>
<th>New Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name</td>
<td>Helen</td>
<td>Helene</td>
</tr>
<tr>
<td>Middle Name</td>
<td>spaces</td>
<td>spaces</td>
</tr>
<tr>
<td>Last Name</td>
<td>Highwater</td>
<td>Highwater</td>
</tr>
<tr>
<td>Name Suffix</td>
<td>spaces</td>
<td>spaces</td>
</tr>
<tr>
<td>Emp Name</td>
<td>Highwater,Helen</td>
<td>Highwater, Helene</td>
</tr>
</tbody>
</table>

Employee ID 999950001

This employee is being hired using N1 and N2 transactions to supply the name components. Note that the EMP_NAME value, “JOLLY, ROGER”, is not input but is derived and present on the post-process EDB.
Employee ID 999959992

This employee is being hired but no N2 transaction is supplied. Since the LAST_NAME, which is input via the N2 transaction, is minimum required data, the activity is rejected with error message 08-124.