Release 1365

Service Request 14852
GASB Liability Reporting

INSTALLATION INSTRUCTIONS

Document Number install.doc
Phillip Thompson
8/8/01 3:09 PM

Information Systems & Computing
Office of the President
University of California
Installation Instructions

This document provides installation instructions for this release. Review these instructions carefully before proceeding with installation.

**DDL Member Installation**

1. Install the **new** DDL members listed in the following table.

<table>
<thead>
<tr>
<th>DDL Members</th>
<th>Database</th>
<th>Installed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>IXLLF00C</td>
<td>PPPEDB</td>
<td></td>
</tr>
<tr>
<td>PPPVZLLF</td>
<td>PPPEDB</td>
<td></td>
</tr>
<tr>
<td>TBLLF00C</td>
<td>PPPEDB</td>
<td></td>
</tr>
<tr>
<td>TSLLF00C</td>
<td>PPPEDB</td>
<td></td>
</tr>
</tbody>
</table>

**DB2 Changes**

1. The RC/Migrator strategy in ANALYSIS (R1365U) can be used to perform the DB2 changes, or the environments may be updated using the DDL members which were also provided. You should be aware that the strategies do not provide for local changes to referenced objects. If you do not wish to use the RC/Migrator strategy, skip this step and continue with Step 2.
   a) Modify strategy member R1365U by replacing “*AUTHID*” with the appropriate campus value. Replace “PPPPCD” with the local name of the database to be updated.
   c) Use RC/Migrator to execute the strategies.
   d) Skip step 2.

2. Create table PPPLL by executing the DDL members in the following order.
   - Execute DDL member TSLLF00C to create Tablespace PPPLL.
   - Execute DDL member TBLLF00C to create Table PPPLL.
   - Execute DDL member IXLLF00C to create Index PPPL.
   - Execute DDL member PPPVZLLF to create View PPPVZLLF_LL.

**Include Member Installation**

1. Install the **new** Include member listed in the following table.

<table>
<thead>
<tr>
<th>Include Members</th>
<th>Installed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPPVZLLF</td>
<td></td>
</tr>
</tbody>
</table>

**Bind Member Installation**

1. Install the **one-time** Bind member listed in the following table.

<table>
<thead>
<tr>
<th>Bind Members</th>
<th>Installed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPOT1365</td>
<td></td>
</tr>
</tbody>
</table>
Program Preparation

Note: At UCOP, all COBOL programs pass through the DB2 pre-compiler, whether or not the program contains embedded SQL, to resolve INCLUDE references. Your site may have different requirements.

Note: "DUAL" programs must be compiled twice and linked into batch and online libraries ("LOADLIB" and "OLOADLIB" respectively). "CICS" programs must be CICS pre-compiled and compiled once and linked into OLOADLIB. "BATCH" programs must be compiled once and linked into the batch LOADLIB only.

1. Install, compile and link the modified programs listed in the following table.

<table>
<thead>
<tr>
<th>Program</th>
<th>DB?</th>
<th>Compile</th>
<th>Package Bind?</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPP640</td>
<td>Yes</td>
<td>Batch</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

2. Install, compile and link the one-time program listed in the following table.

<table>
<thead>
<tr>
<th>Program</th>
<th>DB?</th>
<th>Compile</th>
<th>Package Bind?</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPOT1365</td>
<td>Yes</td>
<td>Batch</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

Plan Binds

1. Perform the plan binds listed in the following table.

<table>
<thead>
<tr>
<th>Bind Member</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPP640</td>
<td></td>
</tr>
</tbody>
</table>

2. Perform the one-time plan bind listed in the following table.

<table>
<thead>
<tr>
<th>Bind Member</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPOT1365</td>
<td></td>
</tr>
</tbody>
</table>

Testing

Perform installation verification testing as described in the Test Plan. In addition perform any further local testing.

JCL

1. Create JCL for the one-time program PPOT1365. JCL(PPOT1365) can be used as a sample.
2. Add new DD PPP6409 to PPP640 JCL. DD PPP6408 can be used as sample JCL.
3. Any JCL dealing with loading, backing up, etc. the PPPPCD database needs to be modified to include new table PPPLLF.

Install in Production

1. 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 in msgprod.pdf

2. Run PPP851 to update the following DB2 CTL tables.
   • System Messages Table (08)

3. Install the JCL
   • Install the one-time JCL for PPOT1365.
   • Install the modified JCL for PPP640.
   • Modify the PPPPCD database load and unload JCL.

4. Distribute modified form UPAY867 per local procedures.

5. Run the one-time program to establish the starting liability amounts for the 2001-2002 fiscal year. This will require the loading of the saved June 2001 PPPLVL and PPPLL1 table data. After the one-time has been run, the modified version of PPP640 can be run requesting the PPP6409 report. The PPPLL1F table should contain 12 rows with LLF_FISCAL_YEAR of '2002-06-30' and LLF_FISCAL_SEQ of zero.

6. Run the modified version of PPP640 with all the PAR files processed by PPP640 in the 2001-2002 fiscal year to date. This can be done per local PPP640 practice, e.g. run with each individual PAR, or run with a consolidated monthly PAR. Each PAR will contribute to the usage, accrued, adjusted and lost totals. For each run the Refresh Data flag should be Y, and the Fiscal Year flag should be blank.

7. For continuing runs of PPP640, the Fiscal Year flag needs to be coded based on the local practice. For those campuses which only process the monthly PAR's, the Fiscal Year flag should be left blank. Each month a new set of twelve rows will be added to the PPPLL1F table, each set with an incremented value for LLF_FISCAL_SEQ. When the June 2002 monthly PAR is processed next year, the Fiscal Year flag should be set to Y that one time to create the carry forward data for the 2002-2003 fiscal year.

   For those campuses which process individual PAR's the process will be the same, except that many more sets of twelve rows will be created.

   For any campus which processes some PAR files multiple times, e.g. as an individual PAR and then as part of a consolidated monthly PAR, the Fiscal Year flag will need to be set to 'B' for some of the runs. A value 'B' causes the PPPLL1F update process to be bypassed. This must be used to avoid double counting of fiscal year-to-date hour and liability amounts on a multiply processed PAR file. When to use the Bypass flag will need to be determined based on local PPP640 processing practices.