LUKE HONES
WEN TANG

Re: Release: 2166
Service Requests: None
Service Now Tickets: RITM0047174, RITM0048039, RITM0052132, RITM0052820
COBOL Programs: PPACTUTW, PPAPEUFGE, PPAPEUPU, PPAPNUPD, PPAPPUTW, PPATNUPD, PPAWDUPD, PPAWRUTW, PPBELUTL, PPBELUTW, PPEULOAD, PPEXPTLA, PPPVREDT, PPP080, PPP560, USER08, USER12
Copy Members: CPPDLDRT, CPPDXLA2, CPPDXSP2, CPPDX020
Include Members: None
Bind Members: None
DDL Members: None
CICS Maps: None
CICS Help: None
Forms: None
Proc: None
Table Updates: None
Urgency: Not Urgent (See Timing of Installation Below)

This is the Technical Release Q1 2015 for January. The release addresses the following Service Now Tickets.

**Service Now Ticket: RITM0047174**

Service Now ticket RITM0047174 requests that ‘select *’ statements be replaced with the list of column and host variable names and that ‘insert’ statements using ‘from’ also be changed to list the column names and values.

**Service Now Ticket: RITM0048039**

Service Now ticket RITM0048039 requests that program name be moved to ‘DB2MSG-PGM-ID’ in the initialization section before any SQL statements are executed and that DB2MSG-TAG be populated just before each executable SQL statement.
Service Now Ticket: RITM0052132
Service Now ticket RITM0052132 requests a change be made to PPP560 to prevent an error when an employee has more than 50 PAR records in a month. The limit should be set to 75.

Service Now Ticket: RITM0052820
Service Now ticket RITM0052820 requests that program PPP425 be made obsolete.

Cobol Programs

PPACTUTW
PPACTUTW is part of the EDB fetch complex that processes updates to PPPACT rows. It has been modified to add the list of column and values to one insert statement.

PPAPEUFE
PPAPEUFE is the final edit processor for the EDB Entry/Update CICS subsystem. It has been modified to replace ‘select *’ with the list of column and host variable names.

PPAPEUPU
PPAPEUPU is the pre-update processor for the EDB Entry/Update CICS subsystem. It has been modified to replace ‘select *’ with the list of column and host variable names.

PPAPNUPD
PPAPNUPD updates rows on the History PPPAPN table. It has been modified to replace ‘select *’ with the list of column and host variable names.

PPAPPPUTW
PPAPPPUTW is part of the EDB fetch complex that processes updates to PPPAPP rows. It has been modified to replace ‘select *’ with the list of column and host variable names.

PPATNUPD
PPATNUPD updates rows on the History PPPATN table. It has been modified to replace ‘select *’ with the list of column and host variable names.

PPAWDUPD
PPAWDUPD updates rows on the History PPPAWD table. It has been modified to replace ‘select *’ with the list of column and host variable names.

PPAWRUTW
PPAWRUTW is part of the EDB fetch complex that processes updates to PPPAWR rows. It has been modified to replace ‘select *’ with the list of column and host variable names.

PPBELUTL
PPBELUTL retrieves the PPPBEL data for an employee. It has been modified to replace ‘select *’ with the list of column and host variable names.
PPBELUTW
PPBELUTW is part of the EDB fetch complex that processes updates to PPPBEL rows. It has been modified to replace ‘select *’ with the list of column and host variable names.

PPEULOAD
PPEULOAD loads several CTL tables for use by online applications when CICS transaction T002 is executed at CICS region startup. It has been modified to replace ‘select *’ with the list of column and host variable names.

PPEXPTLA
PPEXPTLA generates the expense transfer data for TL pay transactions. It has been modified to replace ‘select *’ with the list of column and host variable names.

PPPVREDT
PPPVREDT validates EDB edit/update fields against the Data Element Table. It has been modified to replace ‘select *’ with the list of column and host variable names.

PPP080
PPP080 is the main batch driver program for consistency edits in the EDB maintenance process. It has been modified to replace ‘select *’ with the list of column and host variable names.

PPP560
PPP560 creates a preliminary benefits enrollment file. The internal table has been expanded to contain 75 PAR records rather than 50.

USER08
USER08 is the driver for the EDB maintenance edit process. It has been modified to replace ‘select *’ with the list of column and host variable names.

USER12
USER12 is the driver for the EDB maintenance update process. It has been modified to replace ‘select *’ with the list of column and host variable names.

Copy Members

CPPDLRDT
CPPDLRDT loads several routine processing tables for EDB edit/update. The FETCH GTN_ROW statement has been changed to list the host variable names.

CPPDXLA2
CPPDXLA2 loads the costing action table for EDB edit/update. The FETCH PRM_ROW statement has been changed to list the host variable names.
CPPDXSP2
CPPDXSP2 loads the systems parameters into CPWSXSP2. The FETCH MSG_ROW statement has been changed to list the host variable names.

CPPDX020
CPPDX020 loads system message attributes for EDB edit/update into CPWSXMST. The FETCH MSG_ROW statement has been changed to list the host variable names.

1. COBOL Program Preparation
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.

"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.

1.1 Install Compile and Link the Following Modified Programs:

***NOTE ****:
Campuses must ensure that any local column additions to the tables or views are included in the changed code.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DB2?</th>
<th>Compile Type</th>
<th>Package Bind?</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPACTUTW</td>
<td>Y</td>
<td>Dual</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>PPAPEUFE</td>
<td>Y</td>
<td>CICS</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>PPAPEUPU</td>
<td>Y</td>
<td>CICS</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>PPAPNUPD</td>
<td>Y</td>
<td>Dual</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>PPAPPUTW</td>
<td>Y</td>
<td>Dual</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>PPATNUPD</td>
<td>Y</td>
<td>Batch</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>PPAWDUPD</td>
<td>Y</td>
<td>Batch</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>PPAWRUTW</td>
<td>Y</td>
<td>Dual</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>PPBELUTL</td>
<td>Y</td>
<td>Dual</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>PPBELUTW</td>
<td>Y</td>
<td>Dual</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>PPEULOAD</td>
<td>Y</td>
<td>CICS</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>PPEXPTLA</td>
<td>Y</td>
<td>Dual</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>PPPVREDT</td>
<td>Y</td>
<td>Batch</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>PPP080</td>
<td>Y</td>
<td>Batch</td>
<td>N</td>
<td></td>
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<tr>
<td>PPP560</td>
<td>Y</td>
<td>Batch</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>USER08</td>
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<td>Dual</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>USER12</td>
<td>Y</td>
<td>Dual</td>
<td>Y</td>
<td></td>
</tr>
</tbody>
</table>
1.2 Compile and link the following unmodified programs:

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DB2?</th>
<th>Compile Type</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPP120</td>
<td>Y</td>
<td>Batch</td>
<td></td>
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<tr>
<td>PPP130</td>
<td>Y</td>
<td>Batch</td>
<td></td>
</tr>
</tbody>
</table>

2. COPYLIB Member Installation

2.1 Install, the following modified COPY members

<table>
<thead>
<tr>
<th>COPY</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPPDLDRT</td>
<td></td>
</tr>
<tr>
<td>CPPDXLA2</td>
<td></td>
</tr>
<tr>
<td>CPPDXSP2</td>
<td></td>
</tr>
<tr>
<td>CPPDX020</td>
<td></td>
</tr>
</tbody>
</table>

3. Obsolete Objects

Follow local procedures for removing the following program:

<table>
<thead>
<tr>
<th>Program</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPP425</td>
<td></td>
</tr>
</tbody>
</table>

Test Plan

There are no functional changes to any programs in this release. Regression testing should be done after installation is completed. Refer to Section 7 ‘Unit Testing Requirements’ of the TSD.

Timing of Installation

The timing of this release is not urgent.

As usual, campuses are encouraged to install this release in as timely a fashion as possible.

If there are any questions, please send e-mail to Mary.Meyer@ucop.edu or call 510-987-9272.

Mary Meyer