September 30, 2003

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Re: Release: 1522
     Service Request: 80599
     Error Reports: 1884
     Programs: PPP446
     Copymembers: None
     Include Members: None
     DDL Members: None
     Bind Members: None
     CICS Maps: None
     Web Includes: None
     Forms: None
     Table Updates: None
     Urgency: Not Urgent (see Timing of Installation)

This release addresses the following Error Report and references Release 1518 Union Business Leave Report:

**Error Report 1884**

Error Report 1884 reports a DB2 ABEND that occurs if the EUD table is read. The WHERE clause of the EUD SELECT references ERN data elements that are NOT listed in the ERN SELECT resulting in an ABEND. In addition, the DB2 Message tag is not initialized before the EUD SELECT making it more difficult to determine the location of the DB2 ABEND.

**Program**

PPP446

This program produces the Union Business Leave Report.

The employee name which appears on the report is obtained from the EDB (PER table). If the PER row is missing or the name is blank, the name is read from the PAR (EUD table) using as a key the fields read from the PAR ERN table that drives the program. Three of the fields used in the EUD select were not listed in the ERN select. These are the PAY-CYCLE-CODE, the RECORD-TYPE and the PRI-GROSS-CNTL. Also missing from the EUD select is the initialization of the DB2 message tag causing it to be more difficult to determine the location of a DB2 ABEND. These three fields were added to the EUD select and work areas. The initialization of the DB2 message tag was added to both the EUD and the PER select paragraphs.
Test Plan

A test was performed to verify correctness of the modifications to PPP446:

1. First the program was modified to initialize the DB2 message tag for the EUD SELECT. Then a test was run which resulted in a SOC4 ABEND identifying the SELECT for the EUD as the cause of the ABEND.

2. Then changes to correct the EUD SELECT were added to the program. SPUFI was used to “erase” the name for employee 000050049 on the PER table and change it on the EUD table.

3. A test was then run and the name for employee 000050049 was successfully selected from the EUD table since the name on the PER table was blank. A similar test can be performed by deleting the PER record for that employee. All other employees and data appeared on the report as on the report from the test issued in the original release.

Campuses can replica similar testing to verify correct installation.

Installation Instructions

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.

Program Preparation

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

<table>
<thead>
<tr>
<th>Program</th>
<th>DB2?</th>
<th>Compile</th>
<th>Package Bind?</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPP446</td>
<td>Yes</td>
<td>Batch</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

Plan Bind

Bind the plan in the following table.

<table>
<thead>
<tr>
<th>Bind Member</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPP446</td>
<td></td>
</tr>
</tbody>
</table>

Timing of Installation

The installation of this release is Urgent if R1518 has already been installed. The program will ABEND if there is an employee selected from the PAR that is not on the EDB (PER table).

If R1514 has not been installed replace the COBOL member for PPP446 with the member contained in this release.

If there are any questions, please send electronic mail to Janet.Kennedy@ucop.edu, or call at (510) 587-6128.

Janet Kennedy

cc: Jerry Wilcox