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Re:  Release: 1114
     Service Request: 13422
     Reference Release: 0553
     Error Reports: 1460
     Programs: PPEDBRTI, PPO1114B (new)
     DB2 Programs: PPEC715, PPEC716, PPEM117, PPFBAFET, PPFBAUD, PPFBAUTL
                   PPFBAUTW, PPO1114A (new), PPP080, PPP120, PPP170,
                   PPP250, PPP390, PPP520, PPP627, PPUNLECF
     CICS Programs: PPWECON, PPWEUCI, PPWIUCI
     Copymembers: CPFDXCHG, CPPDEFET, CPWSEFBA, CPWSEREQ,
                   CPWSERET, CPWSIHDB, CPWSIHDE, CPWSRFBA,
                   CPWSXCHG, CPWSXCH1, CPWSXHIF, CPWSXICE,
                   CPWSXIDC, CPWSXOCC, CPWSXOCT
     Include Members: PPPVFBA1, PPPVFBA2, PPPVZECF, PPPVZFB,
                      PPPVZQUE, PPPVZQUF
     DDL Members: IXFBA00C, PPPVFBA1, PPPVFBA2, PPPVZFB, TBECF00C
                  TBFBA00C, TBQUE00C, TBQUF00C
     Bind Members: PPO1114A (new)
     CICS Maps: PPEUCI0, PPIUCI0
     Forms: UPAV822
     Table Updates: Data Element Table, Data Element to Screen Table
     Urgency: Not Urgent

This release is concerned with Service Request 13422 and Error Report 1460.

Service Request 13422

This service request asks that the Project Code be added to the University Contribution Indicator (UCI) account. Currently, the Furlough Benefit Account (FBA) Table on the Employee Data Base (EDB) contains UCI account data. A new data element (EDB 0655) has been added to the Data Element Table. This is a six character alphanumeric field which contains the Project Code and which will be kept on the FBA Table. Since an employee can have up to ten rows on the FBA Table, a key other than just the Employee ID is required. The FBA Table key now includes the Project Code as well as the Location Code, Account, Cost Center and Fund. Because the new key is now 22 characters long, changes have been made to the
copymembers and programs in the Payroll/Personnel system which refer to an 18 character occurrence key. The occurrence key has been expanded to 30 characters. However, since a key of that length does not need to be displayed on any of the EDB Entry/Update or EDB Inquiry screens, the screens displaying that key have not been changed and continue to allow for an 18 character key.

Error Report 1460

This error report identifies a problem with the printing of the PPP2501 report, Data Base Record Display. When multiple groups of set transaction data elements are printed, occasionally a group is a set will contain elements from the previous group printed. For example if the Benefits Dependents group is followed by the Furlough Benefits Account group, some of the Dependent data elements may show up in the Furlough Benefits Account group.

This problem is caused by code in the CPPDEFET copymember which is used by all the modules of the EDB Fetch complex which access sets of data elements, i.e. data elements contained in tables which can have multiple rows for the same employee and which are treated as sets by the EDB Entry/Update complex. The Fetch complex is called by program PPP250, which produces the Data Base Record Display. The Fetch complex returns arrays of data element numbers, values, and pointers to those values to PPP250. Code has been added to CPPDEFET to ensure that the values are placed in the correct location on the array and do not overwrite data that has already been placed in the array by previous modules.

Programs

PPEDBRTI
This program has been modified to include data element 0655, Project Code, in reference to the FB set of data elements.

PPO1114B
This one-time program converts EDB Change Files (ECF) produced before the format of that file has been changed to the new format where the occurrence key is not expanded to 30 characters. This program must be run against any ECF’s which have not yet been run to update the History Data Base (HDB) after this release has been installed. There should be at least one such ECF. The one produced by the old version of PPUNLECF just before the PPPECF table is dropped and recreated with the new format. See the Installation Instructions for further information.

DB2 Programs

PPEC715
This program has been modified to include the Project Code in references to the FBA table row.

PPEC716
This program has been modified to include data element 0655, Project Code, in the FB set transaction.

PPEM117
This program has been modified to include data element 0655, Project Code.

The following programs have been modified to include the Project Code.
PPFBAFET
PPFBAUPD
PPFBAUTL
PPFBAUTW
This one-time program has been written to unload data from the PPPECF and PPPQUE tables which is used to seed those tables to prevent deadlocks during on-line processing. The data is then reformatted to expand the occurrence key from 18 to 30 characters in length. The data is then placed in a file which can be reloaded into the PPPECF and PPPQUE tables after they have been dropped and recreated with the increased occurrence key size. Report O1114RB1 is produced showing how many records are contained in each of these files. Warning messages are given if either of the DB2 Tables are inaccessible or contain no such seed records. See the Installation Instructions for further information.

PPP080
The maximum size of an occurrence key has been changed to 30.

PPP120
The maximum size of an occurrence key has been changed to 30.

PPP170
The data element number 0655 has been added to the set of FB data elements which are not reported.

PPP250
This program has been modified to include the data element 0655, Project Code, as part of the FBA group of data elements.

PPP390
The size of an occurrence key has been changed to 30.

PPP520
The actually Project Code value is taken from the FBA Table when available rather than substituting spaces in the account information.

PPP627
The Project Code value is displayed on the reports produced by this program. Those reports display FBA Table data.

PPU NLECF
The size of an occurrence key has been changed to 30. In addition, all those records not used as special seed records, i.e. those with the ECF Type Flag value of ‘DUMY’, are deleted from the PPPECF table after the ECF file is produced.

CICS Programs

PPWECON
The size of an occurrence key has been changed to 30.

PPWEUCI
Code has been added to include the Project Code.

PPWIUCI
Code has been added to include the Project Code.

CICS Maps

PPEUCI0
The Project Code has been added as an input field. Headers for all the fields have also been added.

PPIUCI0
The Project Code field has been added along with its header.
Copymembers

CPFDXCHG
The record size of the ECF File has been changed to 80.

CPPDEFET
The external offset value for the Fetch complex is recalculated if its current value causes the next index on the return array to be less than the last one used.

CPWSEFBA and CPWSRFBA
The project code has been added to these layouts of the FBA table.

The size of the occurrence key has been increased to 30 in all of these copymembers.
CPWSEREQ
CPWSERET
CPWSIHDB
CPWSIHDE
CPWSXCHG
CPWSXCH1
CPWSXHIF
CPWSXICE
CPWSXIDC
CPWSXOCC
CPWSXOKT

Include Members

The following have had the FBA Project Code added.
PPPVFBA1
PPPVFBA2
PPPVZFBA

The following have had the occurrence key increased to 30.
PPPVZECF
PPPVZQUE
PPPVZQUF

DDL’s

The following have had the FBA Project Code added.
IXFBA00C
PPPVFBA1
PPPVFBA2
PPPVZFBA
TBFBA00C

The following have had the occurrence key increased to 30.
TBEWF00C
TBQUE00C
TBQUF00C
Bind

PPO1114B
This is the bind statement for one-time program PPO1114B.

Forms

UPAY822
This form, which is the layout for the FB set transaction, has been modified to include the Project Code.

A sample version of this form has been sent with the release.

Tables

Data Element Table
Data element number 0655 has been added to this table.

Transactions to update this table have been sent with the release and should be used for both test and production.

Data Element to Screen Table
Data element number 0655 has been added to this table with reference to on-line entry/update screen EUCI.

Transactions to update this table have been sent with the release and should be used for both test and production.

Test Plan

A complete test plan is provided with this release.

Campuses are encouraged to use the base system test materials, as well as performing any other desired local tests.

Installation Instructions

Installation instructions are provided in a separate document.

Timing of Installation

The installation of this release is Not Urgent. However, campuses should install this release as quickly as possible so as to avoid the anomalies described above.

As usual, campuses are encouraged to install this release in as timely a fashion as possible, and in the normal numeric sequence of releases.
If there are any questions, please send electronic mail to Madelyn.Sano@ucop.edu, or call at (510) 987-0465.

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