May 14, 2010

BEATRICE CARDONA  BARBARA VANDEN BORRE
WEN TANG

Re:  Release: 1923
Service Requests: 82349
Programs:  PPAPEUF, PPCANHIR(new), PPDELTs, PPLCNUPD, PPRGPEN(new),
PPWPLT, PPWWEDB(new), PS006(new), PS007(new), PS008(new),
PS008D(new), PS012(new), PS013(new), PS015(new), PS017(new), PS018(new),
PS021(new), PS022(new), PS023(new), PS024(new), PS025(new), PS026(new),
PS027(new), UCROUTER(new), UCWABND(new), UCWECOM(new),
UC0MLR(new)
Copy Members:  CPPDCONT, CPPDFKEY(new), CPPDFLT, CPPDTOKN, CPWSFKEY(new),
CPWSTOKN, CPWSWEBS, CPWWEDB(new), PS006(new),
PS006I01(new), PS006O01(new), PS007(new), PS007I01(new), PS007O01(new),
PS008(new), PS012(new), PS012I01(new), PS012O01(new), PS013(new),
PS013O01(new), PS015(new), PS015I01(new), PS015O01(new),
PS017(new), PS017I01(new), PS017O01(new), PS018(new), PS018I01(new),
PS018O01(new), PS021(new), PS021I01(new), PS021O01(new),
PS022(new), PS022I01(new), PS022O01(new), PS022O01(new),
PS023(new), PS023I01(new), PS023O01(new),
PS024(new), PS024I01(new), PS024O01(new), PS025I01(new),
PS025O01(new), PS026(new), PS026I01(new), PS026O01(new), PS027(new),
PS027I01(new), PS027O01(new)
Include Members:  PPPVZSUS(new), PPPVZTLA(new)
DDL Members:  IXDIG06C, IXIDB05C, IXPNA05C, IXPNX06C, IXPNX07C, IXSUSX0C,
IXSUS01C, IXSUS02C, IXTLA01C, PPPVZSUS, PPPVZTLA, TBSUSX0C,
TBSUS00C, TBLTA00C, TSSUSX0C, TSSUS00C, TSTLA00C
Bind Members:  PPCANHIR, PPRGPEN, PPWWEDB, PS006, PS007, PS008, PS012, PS013,
PS015, PS018, PS021, PS024, PS025, PS026, PS027
CICS Maps:  None
CICS Help:  None
Forms:  None
Table Updates:  Code Translation Table (CTT)
WSDL Files:  PS006, PS007, PS008, PS012, PS013, PS015, PS017, PS018, PS021, PS022,
PS023, PS024, PS025, PS026, PS027
EAR Files:  WEBEAR, EDBUEAR
ZIP Files:  WEBZIP, EDBUZIP, WEBSVZIP
Java and Javascript:  See detail design document
Urgency:  Not Urgent (see Timing of Installation below)

This release addresses the following Service Request:

Service Request 82349

Service request 82349 asks that a Web New Hire application be developed as a front-end to the mainframe New Hire Process.
Cobol Programs

PPAPEUFE
PPAPEUFE is the final edit application processor for the EDB Entry/Update subsystem. It was changed to suppress the transfer to the ECON screen when a web service is driving the transaction.

PPCANHIR (new)
PPCANHIR is a called routine used to cancel a new hire in progress.

PPDELTs
PPDELTs deletes all PPS temporary storage queues associated with a given token. It was modified to also delete pending PAN data and temporary storage queues associated with the web new hire process.

PPLCNUPD
PPLCNUPD drives the update of the PPPLCN table. This program was modified so that the apply change function for data element 0711 uses data from the “new value” input instead of from the “occurrence key” to populate the license array. This allows web services to update and existing row in PPPLCN with a different value for element 0711.

PPPRGPEN (new)
PPPRGPEN cleans up pending PANs, IDs and expired suspense data. It is called from PPWPLT at CICS startup only.

PPWPLT
PPWPLT runs at CICS startup to start automatic PPS transactions. Code was added to start program PPPRGPEN via transaction T011.

PPWWEDB (new)
PPWWEDB is the "detail screen processor" for the WEDB function, which is a “generic” function used by the web hire bundle.

UCROUTER
UCROUTER is the main driver for all PPS CICS processes. It has been modified to support web service conedit navigatino.

UCWABND
UCWABND is the abend handling program for the online applications system. It was modified to issue a soap fault when processing abends from within web services.

UCWEcom
UCWEcom is the screen processor for the ECOM function (PAN Comments Entry). It was modified to bypass the code which updates the PNX table when being called in a web service context.

UC0MLR
UC0MLR is a batch program sends a summary of recently generated PANs to each PAN recipient. It was modified to exclude PANs in pending status for the recipient’s summary.

PS006 (new)
PS006 is a web service program which invokes the consistency edits within PPS by via calls to UROUTER which mimic CICS functionality. It takes as input a list of all data elements to be updated and passes these to a generic "screen handler" program (via UROUTER).

PS007 (new)
PS007 is a web service program which saves web EDB update template data.

PS008 (new)
PS008 is a web service program which commits an EDB update which is already in progress. All consistency edits must have already been completed without fatal errors.

PS008D (new)
PS008D is the RAD-generated Converter Driver program which is invoked by the web service.

PS012 (new)
PS012 is a web service program which calls the appropriate PPS modules to assign a new employee ID, or to use an existing IID system ID for a new employee.

PS013 (new)
PS013 is a web service program which returns code values and code translations for requested data elements.

PS017 (new)
PS017 is a web service program which transforms employee name from 1 to 3 parts or from 3 to 1. PPNAMGEN is called by PS017.

PS018 (new)
PS018 is a web service program which returns all PAN detail data for a currently active update for the current user.

PS021 (new)
PS021 is a web service program which updates PAN data for the currently active update process.

PS022 (new)
PS022 is a web service program which generates an employee document (IDOC).

PS023 (new)
PS023 is a web service program which cancels an active new hire process.

PS024 (new)
PS024 is a web service program which returns a list of suspended hires that were created by the logged in user.

PS025 (new)
PS025 is a web service program which saves and retrieves suspended new hires.

PS026 (new)
PS026 is a web service program which returns system parameter data for the parameter numbers passed in the input array. It is invoked by the web server at server startup, and once per day while the server is running.
PS027 (new)
PS027 is a web service program which browses the PAN directory, UC0DIR on Name.

Copy Members

CPPDFKEY (new)
CPPDFKEY contains procedure division code to set the EIBAID function key with the correct value based on the "logical key" value passed to it in working storage.

CPPDFLT
CPPDFLT contains common procedures for generating a soap fault. Code was added to display the fault message in CICS.

CPPDTOKN
CPPDTOKN contains common procedures for handling tokens. Two new sections were added: GET-TOKEN-DATA and REWRITE-TOKEN-DATA to allow programs to obtain and rewrite data stored with the token.

CPWSFKEY (new)
CPWSFKEY is the working storage area used by CPPDFKEY.

CPWSTOKN
CPWSTOKN contains fields used for handling token. It is associated with procedure copylib member CPPDTOKN. A new field, SESS-STATUS, was added which will be used to store a status code along with the token.

CPWSWEBS
CPWSWEBS is the web service work area. Three new fields were added to support the new hire application.

CPWWEDB (new)
CPWWEDB defines the external which is used as the communication area between web service PS006 and the "screen handler" PPWWEDB.

Web Service Copylib Members
Each web service program has 1-3 copylib members associated with it which describe the input and output data structures. Details can be found in the detail design document.

DDL Members

PPPSUS Table (new)
PPPSUS is a new table which will hold suspended update data for the web EDB update.
The following DDL members are released for this PPPSUS:

- TSSUS00C – tablespace definition
- TBSUS00C – table definition
- IXSUS01C – index definition
- IXSUS02C – additional index definition
- PPPVZSUS – full table view definition

PPPSUS contains the following column definition: SUS_BLOB BLOB(1M)

To contain the “blob” data, an auxiliary table must also be created. The auxiliary table for PPPSUS is PPPSUSX.

PPPSUSX Table (new)

PPPSUSX is the auxiliary table containing the “blob” data for table PPPSUS. The following DDL members are released for this PPPSUS:

- TSSUSX0C – tablespace definition
- TBSUSX0C – table definition
- IXSUSX0C – index definition

PPPTLA Table (new)

PPPTLA is a new table containing template data stored for web EDB update users. The following DDL members are released for this PPPTLA:

- TSTLA00C – tablespace definition
- TBTLA00C – table definition
- IXTLA01C – index definition
- PPPVZTLA – full table view definition

Indexes to Improve Performance

- IXDIR06C creates new index UC0XDIR6 on the UC0DIR table
- IXIDB05C creates new index UC0XIDB5 on the UC0IDB table
- IXPNA05C creates new index UC0XPNA5 on the UC0PNA table
- IXPNX06C creates new index UC0XPNX6 on the UC0PNX table
- IXPNX07C creates new index UC0XPNX7 on the UC0PNX table

Include Members

PPPVZSUS (new)

PPPVZSUS contains the layout for the new view PPPVZSUS_SUS.
PPPVZTLA(new)
PPPVZTLA contains the layout for the new view PPPVZTLA_TLA.

**Bind Members**

The following is a list of the new package bind members created for the new programs in this release.

PPCANHIR
PPPRGPEN
PPWWEDB
PS006
PS007
PS008
PS012
PS013
PS015
PS018
PS021
PS024
PS025
PS026
PS027

**Control Table Updates**

**Code Translation Table**
To provide translations for valid code values returned by web service PS013, new rows in table PPPCTT have been provided in the form of transactions for program PPP004.

**Web Files**

The PPS web applications are contained in runtime .ear and source archive .zip files. Details on the contents of these files can be found in the detail design document.

**WEBEAR and WEBZIP**
WEBEAR and WEBZIP contain the java PPSWeb application, which controls the PPS login and main menu screens. They have been modified to include the New Hire link on the main menu. WEBEAR contains the runtime code .ear file and WEBZIP is the source code archive .zip file.
EDBUEAR and EDBUZIP (new)
EDBUEAR and EDBUZIP contain the java EDBUpdate application for web hire. EDBUEAR contains the runtime code .ear file and EDBUZIP is the source code archive .zip file.

WEBSVZIP
WEBSVZIP is the source code archive .zip file for the PPSWebServices runtime library which is included with each PPS web application. Modifications were made to support the new hire application.

Installation Instructions
A separate Installation Instructions document is provided for this release.

Test Plan
A separate Test Plan document is provided for this release.

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 and in the normal numeric sequence. If there are any questions, please send electronic mail to maxine.gerber@ucop.edu, or call (510) 987-0422.

Maxine Gerber