

**Release 1482**  
**Staff and Academic Reduction in Time**  
**(START)**

**INSTALLATION INSTRUCTIONS**

March 26, 2003  
Revised: March 26, 2003 (4:15PM)

Information Systems & Computing  
Office of the President  
University of California

Final  
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## **Introduction**

This document provides installation instructions for release 1482. Please review these instructions carefully before proceeding with the installation.

## Installation Sequence

1. Install the **modified** DDL members listed in the following table, replacing \*AUTHID\* and database “PPPEDB” and “PPPHDB”, as necessary, with appropriate campus values.

DDL Members	Database	Installed?
PPPVBAS1	PPPHDB	
PPPVEBT1	PPPEDB	
PPPVEBT2	PPPEDB	
PPPVZBAS	PPPHDB	
PPPVZEBT	PPPEDB	
TBBAS00C	PPPHDB	
TBEBT00C	PPPEDB	

2. Install the **new** table Alter DDL members listed in the following table.

DDL Members	Database	Installed?
TBBAS07A	PPPHDB	
TBEBT02A	PPPEDB	

3. Alter EDB and HDB using the RC/MIGRATOR.

RC/Migrator strategies R1482U in the ANALYSIS PDS can be used to perform the DB2 changes, or the environments may be updated using the DDL members which were also provided. You should also be aware that the strategies do not provide for local changes to referenced objects.

If you do not wish to use the RC/Migrator strategies, skip this step and continue with step 4.

- a) Modify ANALYSIS member R1482U by replacing “\*AUTHID\*” with the appropriate campus value, and replacing databases “PPPEDB”, and “PPPHDB” with the name of the actual databases to be updated.

- b) Use RC/Migrator to execute the strategies.

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- a) Skip steps 4 through 7 and continue with step 8.
- 4. Alter the PPPBAS table by executing the Alter statement TBBAS07A.
- 5. Alter the PPPEBT table by executing the Alter statement TBEBT02A.
- 6. Drop the following views.
  - a) PPPVBAS1\_BAS
  - b) PPPVEBT1\_EBT
  - c) PPPVEBT2\_EBT
  - d) PPPVZBAS\_BAS
  - e) PPPVZEBT\_EBT
- 7. Create views using the following DDL's:

DDL Members	View	View Created?
PPPVBAS1	PPPVBAS_BAS1	
PPPVEBT1	PPPVEBT1_EBT	
PPPVEBT2	PPPVEBT2_EBT	
PPPVZBAS	PPPVZBAS_BAS	
PPPVZEBT	PPPVZEBT_EBT	

- 8. Install the following new COPYMEMBER:

*Actual implementation of the START Program is determined at each campus. If the START Program Begin Date is not June 1, 2003, the START Program Begin Date must be modified to reflect the campus's actual implementation of the START program.*

Copylib Members	Installed?
CPWSTART	

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9. Modify and install the following COPYMEMBERS:

<b>Copylib Members</b>	<b>Installed?</b>
CPWSEXCP	
CPWSRBAS	
CPWSREBT	

10. Modify and install the following INCLUDE members:

<b>Include Members</b>	<b>Installed?</b>
PPPVBAS1	
PPPVEBT1	
PPPVEBT2	
PPPVZBAS	
PPPVZEBT	

11. CICS Map Generation:

- a) Install the source code member listed in the following table:
- b) Use SDF II option 6 to generate the BMS macro and the COBOL data structure.
- c) Assemble the BMS macros to produce the physical map description used by CICS/BMS.

<b>Map Name</b>	<b>DGIPNL Member</b>	<b>Installed?</b>	<b>Generated</b>	<b>Assembled?</b>
PPELVE0	PPELVE0			
PPIAPP0	PPIAPP0			
PPIBA10	PPIBA10			

12. Bind Members:

- a) Install the following new Bind members.

Bind Members	Installed?
PPP695	

- b) Modify and install the following Bind member.

Bind Members	Installed?
PPP743	

13. COBOL Program Installation

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.

- a) Install, compile and link the **new** programs listed in the following table.

PROGRAM	DB2 Pre-Compile	Compile	Package Bind?	Done?
PPP695	Yes	Batch	No	
PPEC156	No	Dual	No	

Table 1

- b) Modify, install, compile and link the **modified** programs listed in the following table.

PROGRAM	DB2 Pre-Compile	Compile	Package Bind?	Done?
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<b>PROGRAM</b>	<b>DB2 Pre-Compile</b>	<b>Compile</b>	<b>Package Bind?</b>	<b>Done?</b>
PPBASFET	Yes	Batch	No	
PPBASHST	No	Batch	No	
PPBASUPD	Yes	Batch	No	
PPEBTFET	No	Dual	No	
PPEBTUPD	No	Dual	No	
PPEBTUTL	Yes	Dual	Yes	
PPEBTUTW	Yes	Dual	Yes	
PPIDXHST	Yes	Batch	No	
PPP390	Yes	Batch	No	
PPP400	Yes	Batch	No	
PPP627	Yes	Batch	No	
PPP711	Yes	Batch	No	
PPWELVE	Yes	CICS	No	
PPWIAPP	Yes	CICS	Yes	
PPWIBA1	Yes	CICS	Yes	

c) Compile and link the **unmodified** programs listed in the following table.

<b>PROGRAM</b>	<b>DB2 Pre-Compile</b>	<b>Compile</b>	<b>Package Bind?</b>	<b>Done?</b>
PPAPEUFE	Yes	CICS	Yes	
PPAPEULF	Yes	CICS	No	
PPAPEUPU	Yes	CICS	Yes	
PPAPEUSR	Yes	CICS	Yes	
PPEC715	Yes	Dual	Yes	

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<b>PROGRAM</b>	<b>DB2 Pre-Compile</b>	<b>Compile</b>	<b>Package Bind?</b>	<b>Done?</b>
PPEM117	Yes	Dual	No	
PPKEYCHD	Yes	Dual	Yes	
PPWEPER	Yes	CICS	Yes	
PPWEUCI	Yes	CICS	No	

14. Bind the following Plans.

<b>Bind Plans</b>	<b>Done?</b>
PPP040	
PPP050	
PPP080	
PPP120	
PPP130	
PPP250	
PPP390	
PPP400	
PPP627	
PPP695	
PPP700	
PPP711	
PPP742	
PPP743	
PPP744	

15. CICS HELP

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- a) Import revised CICS HELP anchors data from PAYDIST.R1482.HELPANCH (refer to sample JCL in PAYDIST.R1482.JCL(LOADANCH)).
- b) Import the new CICS Data Dictionary Definitions from PAYDIST.R1482.HELPDDSE (Refer to sample JCL in PAYDIST.R1482.JCL(LOADDDSE)).
- c) Import the new CICS group level help from HELPSCRN from PAYDIST.R1482.HELPSCRN (Refer to sample JCL in PAYDIST.R1482.JCL(LOADSCRN)).

16. Processing Program Table entries are required for the following new program. The CICS Resource Definition Operations (RDO) are provided in the release CARDLIB member **RDOPROD**. Replace \*GROUPLD\* with the campus group.

- a) PPEC156

17. Process Control Database (PCD) Updates

PPPHDE Table in the PCD database must be updated.

The JCL in PAYDIST.R1482.JCL(**LOADHDE**) sent with this release contains a step which converts the 'REPLACE' to RESUME in the \$\$LOAD member.

- a) The new data elements 0495, 496, and 0497 must be added to the **PPPHDE** Table. The member PPPHDE in PAYDIST.R1482.UDB2HDE contains the three HDE records for inserting into the PPPHDE Table using RESUME in the \$\$LOAD member.

An alternative method is to use the on-line function to manually enter the new data elements into the PPPHDE table:

The UHDE online function is not a UCROUTER based function, and must be accessed via the local transaction name. *At UCOP, the transaction name is PPSA (Payroll/Personnel System Administration); your campus may have a different transaction name defined.* See the Attachment at the end of this document for entering the proper data values on the UHDE screen.

18. Update Web Application File

Grant web access authority to view PPPVZEBT\_EBT

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Identify the local include subdirectory path for the Web EDB Inquiry application. Review and edit the job “PDS2HFS” in the release JCL library which can be used to transfer the web application files to the identified subdirectory. Run this job once the necessary customization has been made.

Verify that the following net.data file is copied to the “include” directory:

Filename	Description
ppwwiemp.d2w	Employment Information page

After installation confirm that the following text appears at the bottom of the modified Employment page:

**As of Release 1482**

19. Execute and verify the rest of the test plan, per supplied instructions.
20. Perform any desired additional campus testing.
21. Execute and verify the rest of the test plan, per supplied instructions.
22. Install Control Table (CTL) updates into production.

Execute **PPP004** to update the following DB2 CTL tables. *Note that as of Release 1465, PPP854 has become obsolete and no longer is used to split the input transactions for VSAM and DB2 CTL processing.*

- Description of Service Table

Use the transactions in PAYDIST.R1482.CARDLIB(DOSPROD), or key from the provided facsimile UPAY650 form. *Note that columns 4 through 6 (DOS Sequence Number) contain the value of ‘???’ which must be provided by your campus. Refer to your campus Payroll Manager for the appropriate DOS Sequence Number value.*

- System Messages Table

Use the transactions in PAYDIST.R1482.CARDLIB(MSGPROD), or key from the provided facsimile UPAY554 form. These transactions may be used both for testing and production, with the approval of your campus Payroll Manager.

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- Data Element Table

Use the transactions in PAYDIST.R1482.CARDLIB(DETPROD), or key from the provided facsimile UPAY553 form. These transactions may be used both for testing and production, with the approval of your campus Payroll Manager.

- Routine Definition Table

Use the transactions in PAYDIST.R1482.CARDLIB(RTDPROD), or key from the provided facsimile UPAY804 form. These transactions may be used both for testing and production, with the approval of your campus Payroll Manager.

- Process Group Table

Use the transactions in PAYDIST.R1482.CARDLIB(PGTPROD), or key from the provided facsimile UPAY803 form. These transactions may be used both for testing and production, with the approval of your campus Payroll Manager.

- Data Elements to Screen Table

Use the transactions in PAYDIST.R1482.CARDLIB(DESPROD), or key from the provided facsimile UPAY815 form. These transactions may be used both for testing and production, with the approval of your campus Payroll Manager.

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PPUHDE0-U0704

ERH Control Tables  
Data Element

05/25/99 08:44:10  
Userid: PAYJXQ

A/D/C : A  
Table Name : PPPBAS  
Column Name : START\_PERCENT

Data Type : N  
Data Usage : F  
Field Length : 02  
Decimal Places :  
PPS DET Number : 0495

Accumulation Indicator : Y  
Periodic Maint Indicator:  
Obsolete Indicator :  
Obsolete Date : 01/01/0001  
Purge Indicator :  
Special Periodic Routine:

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PF: 2-Cancel

PF: 9-MainMenu

12-Exit

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PPUHDE0-U0704

ERH Control Tables  
Data Element

05/25/99 08:44:10  
Userid: PAYJXQ

A/D/C : A  
Table Name : PPPBAS  
Column Name : START\_BEGIN\_DATE

Data Type : D  
Data Usage : F  
Field Length : 10  
Decimal Places :  
PPS DET Number : 0496

Accumulation Indicator : Y  
Periodic Maint Indicator:  
Obsolete Indicator :  
Obsolete Date : 01/01/0001  
Purge Indicator :  
Special Periodic Routine:

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PF: 2-Cancel

PF: 9-MainMenu

12-Exit

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PPUHDE0-U0704

ERH Control Tables  
Data Element

05/25/99 08:44:10  
Userid: PAYJXQ

A/D/C : A  
Table Name : PPPBAS  
Column Name : START\_END\_DATE

Data Type : D  
Data Usage : F  
Field Length : 10  
Decimal Places :  
PPS DET Number : 0497

Accumulation Indicator : Y  
Periodic Maint Indicator:  
Obsolete Indicator :  
Obsolete Date : 01/01/0001  
Purge Indicator :  
Special Periodic Routine:

==>

PF: 2-Cancel

PF: 9-MainMenu

12-Exit