

Release 1612
Postdoc Related Modifications
Phase III

INSTALLATION INSTRUCTIONS

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Information Resources and Computing
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Introduction

This document provides installation instructions for release 1612. Please review these instructions carefully before proceeding with the installation.

Installation Sequence

DB2 Installation

This portion of the installation creates DB2 objects.

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

DDL Members	Database	Installed?
PPPVEUD1	PPPPAR	
PPPVHDA2	PPPEDB	
PPPVPCM1	PPPEDB	
PPPVPCM2	PPPEDB	
PPPVZEUD	PPPPAR	
PPPVZPCM	PPPEDB	
PPPV400B	PPPEDB	
TBEUD00C	PPPPAR	
TBPCM00C	PPPEDB	

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

DDL Members	Database	Installed?
TBEUD09A	PPPPAR	
TBPCM20A	PPPEDB	

3. The RC/Migrator strategy in ANALYSIS (R1612U) can be used to perform the above DB2 changes, or the environments may be updated using the DDL members. You should be aware that the strategies do not provide for local changes to referenced objects. If you do not wish to use the RC/Migrator strategy, skip this step and continue with Step 4.
 - Modify strategy member R1612U by replacing *AUTHID* with the appropriate campus value. Replace “PPPEDB” and “PPPPAR” with the local names, if different
 - Use RC/Migrator to execute the strategies. Skip the next steps 4 through 6.
4. Alter table PPPEUD by executing the DDL members in the following order
 - Execute DDL member TBEUD09A to alter Table PPPEUD.

NOTE: an alternative is to Drop Table PPPEUD and execute modified DDL member TBEUD00C to recreate the Table. If this is done, all Indexes and Views must be identified and recreated (and the Drop View in the next step can be skipped).

- Drop Views (No DDL member has been provided for this)
PPPVEUD1_EUD
PPPVZEUD_EUD
- Execute DDL member PPPVEUD1 to create View PPPVEUD1_EUD.
- Execute DDL member PPPVZEUD to create View PPPVZEUD_EUD

5. Alter table PPPPCM by executing the DDL members in the following order.

- Execute DDL member TBPCM20A to alter Table PPPPCM.

NOTE: an alternative is to Drop Table PPPPCM and execute modified DDL member TBPCM00C to recreate the Table. If this is done, all Indexes and Views must be identified and recreated (and the Drop View in the next step can be skipped).

- Drop Views (No DDL member has been provided for this)
PPPVPCM1_PCM
PPPVPCM2_PCM
PPPVZPCM_PCM
PPPVHDA2_PCM
- Execute DDL member PPPVPCM1 to create View PPPVPCM1_PCM.
- Execute DDL member PPPVPCM2 to create View PPPVPCM2_PCM.
- Execute DDL member PPPVZPCM to create View PPPVZPCM_PCM.
- Execute DDL member PPPVHDA2 to create View PPPVHDA2_PCM

6. Alter view PPPV400B_PAY by executing the DDL members in the following order.

- Drop View (No DDL member has been provided for this)
PPPV400B_PAY
- Execute DDL member PPPV400B to create View PPPV400B_PAY.

7. Modify and install the following campus-specific copy members listed in the following table. **Do not overlay local values with Base values.** In CPWSXIC2, the new fields contain names and control numbers for Postdoc related payments to Supplemental Disability and Life insurance carriers. The appropriate local values should be obtained from the Payroll or Benefits office, whichever has handled this billing in the past, and coded in place of the Base default values.

Copylib Members	Installed?
CPWSXIC2	
CPWSXIC5	

8. Modify and install the following copy members listed in the following table.

Copylib Members	Installed?
CPLNKFED	
CPLNKGR1	
CPLNKGRS	
CPLNKHDA	
CPLNKNET	
CPWPATBL	
CPWSRCPW	
CPWSRPCM	
CPWSXPA1	
CPWSXPAR	
CPWSXSBS	

9. Modify and install the INCLUDE Members listed in the following table:

Include Members	Installed?
PPPVEUD1	
PPPVHDA2	
PPPVPCM1	
PPPVPCM2	
PPPVZEUD	

Include Members	Installed?
PPPVZPCM	
PPPV400B	

10. 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.

Map Name	DGIPNL Member	Installed?	Generated	Assembled?
PPIBAL0	PPIBAL0			

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

PROGRAM	DB2 Pre-Compile	Compile	Package Bind?	Done?
PPDB2PAR	No	Batch	No	
PPEDTPAY	Yes	Dual	Yes	
PPEDTRST	Yes	Dual	Yes	
PPEM001	Yes	Batch	No	
PPEM004	Yes	Batch	No	
PPEM101	Yes	Batch	No	

PROGRAM	DB2 Pre-Compile	Compile	Package Bind?	Done?
PPEXERPT	Yes	Dual	No	
PPEY001	Yes	Batch	No	
PPEY101	Yes	Batch	No	
PPEY200	Yes	Batch	No	
PPFEDTAX	No	Dual	No	
PPGRSAUP	No	Batch	No	
PPGRSCOH	No	Batch	No	
PPGRSERN	No	Batch	No	
PPGRSPAR	No	Batch	No	
PPGRSRVW	No	Batch	No	
PPGRSTIM	No	Batch	No	
PPHDAUTL	Yes	Dual	Yes	
PPHPARP1	Yes	Batch	No	
PPKEYCHD	Yes	Dual	Yes	
PPNETCLC	Yes	Dual	No	
PPNETDED	No	Dual	No	
PPNETDTK	Yes	Dual	No	
PPNETRP1	No	Batch	No	
PPNETUPD	Yes	Dual	No	
PPNRARPT	No	Batch	No	
PPP130	Yes	Batch	No	
PPP360	Yes	Batch	No	
PPP390	Yes	Batch	No	
PPP400	Yes	Batch	No	
PPP410	Yes	Batch	No	
PPP520	Yes	Batch	No	

PROGRAM	DB2 Pre-Compile	Compile	Package Bind?	Done?
PPP530	Yes	Batch	No	
PPP560	Yes	Batch	No	
PPP561	Yes	Batch	No	
PPP562	Yes	Batch	No	
PPP565	No	Batch	No	
PPP690	Yes	Batch	No	
PPPCMCHG	No	Batch	No	
PPPCMDET	No	Dual	No	
PPPCMUPD	No	Dual	No	
PPPCMUTL	Yes	Dual	Yes	
PPPCMUTW	Yes	Dual	Yes	
PPRCGRSS	Yes	Dual-online only	Yes	
PPRCNET	Yes	Dual-online only	Yes	
PPRCOPT1	Yes	CICS	Yes	
PPRCOPT2	Yes	CICS	Yes	
PPSTARPT	No	Batch	No	
PPWIBAL	Yes	CICS	Yes	
USER12	Yes	Dual	Yes	

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

PROGRAM	DB2 Pre-Compile	Compile	Package Bind?	Done?
PPAPORKS	Yes	CICS	Yes	
PPAPORSR	Yes	CICS	No	
PPAPORUP	Yes	CICS	Yes	
PPRCADVC	Yes	CICS	Yes	

PROGRAM	DB2 Pre-Compile	Compile	Package Bind?	Done?
PPRCAUDT	Yes	CICS	Yes	
PPRCMDL2	Yes	CICS	Yes	
PPRCOPT3	Yes	CICS	Yes	
PPRCVEND	Yes	CICS	Yes	
PPWOVPY	Yes	CICS	Yes	
PPWRCO2	Yes	CICS	Yes	
PPFCBBEN	Yes	Dual	No	
PPFEDUTL	Yes	Dual	Yes	
PPGRSCBD	No	Batch	No	
PPGRSFIN	No	Batch	No	
PPGRSLVE	No	Batch	No	
PPGRSRP1	No	Batch	No	
PPGRSRP2	No	Batch	No	
PPGRSRP3	No	Batch	No	
PPGRSRP4	No	Batch	No	
PPGRSRP5	No	Batch	No	
PPGRSRP6	No	Batch	No	
PPGRSRPA	No	Batch	No	
PPLVHRS	No	Batch	No	
PPNETPDT	No	Dual	No	
PPNETPRE	No	Dual	No	
PPNETREF	No	Dual	No	
PPNETSMC	No	Dual	No	
PPNETSUS	No	Dual	No	
PPOROVPY	Yes	CICS	Yes	
PPP440	Yes	Batch	No	

PROGRAM	DB2 Pre-Compile	Compile	Package Bind?	Done?
PPP465	Yes	Batch	No	
PPP470	Yes	Batch	No	
PPP480	Yes	Batch	No	

c) Compile and link the **additional (as of 02/24/05 revision) unmodified** programs in the following table:

Program	DB2 Pre-Compile	Compile	Package Bind?	Done?
PPAPDPFH	Yes	CICS	Yes	
PPAPDPFP	Yes	CICS	Yes	
PPAPDPKS	Yes	CICS	Yes	
PPAPDPNF	Yes	CICS	Yes	
PPAPDPSR	Yes	CICS	Yes	
PPAPPIFH	Yes	CICS	Yes	
PPAPPIFP	Yes	CICS	Yes	
PPAPPIKS	Yes	CICS	Yes	
PPAPPINF	Yes	CICS	No	
PPAPPISR	Yes	CICS	No	
PPEUDEXT	Yes	CICS	Yes	
PPORCNCL	Yes	CICS	Yes	
PPORRVSL	Yes	CICS	Yes	
PPWCNCL	Yes	CICS	Yes	
PPWIADJ	Yes	CICS	Yes	
PPWIBRS	Yes	CICS	Yes	
PPWICHK	Yes	CICS	Yes	
PPWICH2	Yes	CICS	Yes	
PPWIDCA	Yes	CICS	Yes	
PPWIDCS	Yes	CICS	Yes	
PPWIDC2	Yes	CICS	Yes	
PPWIDDC	Yes	CICS	Yes	
PPWIDDN	Yes	CICS	Yes	
PPWIDER	Yes	CICS	Yes	
PPWIDGT	Yes	CICS	Yes	
PPWIDHD	Yes	CICS	Yes	
PPWIDSP	Yes	CICS	Yes	
PPWIERN	Yes	CICS	Yes	
PPWIGRS	Yes	CICS	Yes	
PPWRVSL	Yes	CICS	Yes	

12. Bind the following Plans

Bind Plans	Done?
PPP040	
PPP050	
PPP080	
PPP120	
PPP130	
PPP170	
PPP250	
PPP360	
PPP390	
PPP400	
PPP410	
PPP440	
PPP465	
PPP470	
PPP480	
PPP520	
PPP530	
PPP560	
PPP561	
PPP562	
PPP564	
PPP565	
PPP620	
PPP640	
PPP690	
PPP700	

Bind Plans	Done?
PPP742	
PPP743	
PPP744	
PPP750	

13. CICS HELP

- Import the new CICS Data Dictionary Definition from data in HELPDDSE (Refer to sample JCL in R1612.JCL(LOADDDSE)).
- Import the new CICS Help anchors from data in HELPANCH (Refer to sample JCL in R1612.JCL(LOADANCH)).

14. Modify the PPP562 and PPP565 JCL members. Release JCL members RUN562 and RUN565 can be used as a sample.

15. Execute and verify the rest of the test plan, per supplied instructions.

16. Perform any desired additional campus testing.

17. Place modified objects in production.

18. Install Control Table (CTL) updates into production.

Execute **PPP004** to update the following DB2 CTL tables with **release transactions**.

- System Parameter Table (01) – Use the transactions in CARDLIB (PRMPROD).
- Gross-to-Net Table (02) – Use the transactions in CARDLIB (GTNPROD).

Gross-to-Net updates are provided to add the new GTN numbers related to the Postdoc Benefits. ***Do not use the member GTNTEST for production usage.***

Use the transactions in PAYDIST.R1612.CARDLIB(GTNPROD), or key from the provided facsimile UPAY545 form. ***Note that the local GTN Priority Numbers must be assigned in place of the '????' in columns 4 through 7.*** Also note that the GTN Priority Number for GTN 636 (Postdoc FEL NRA FWT deduction) must fall AFTER the primary FWT GTN 014 deduction (refer to placement in supplied test CTL file for an example of appropriate placement).

These transactions may be used for production, with the approval of your campus Payroll Manager. ***Do not use member GTNTEST for production purposes.***

- Data Element Table (03) – Use the transactions in CARDLIB (DETPROD).
- System Messages Table (08) – Use the transactions in CARDLIB (MSGPROD).
- Benefits Rates Table (14) – Use the transactions in CARDLIB (BRTPROD).