

Release 1738

**Service Request 81712
457 IRS Changes for 2006 W-2 Reporting**

Installation Instructions

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This document provides installation instructions for release 1738. Please review these instructions carefully before proceeding with the installation.

1. DB2 Installation

This portion of the installation creates DB2 objects.

1.1 Install the following **modified** DDL members

Replace *AUTHID* and databases PPPEDB as necessary with appropriate campus values.

DDL Members	Database	Installed?
PPPVHDA2	PPPEDB	
PPPVPCM1	PPPEDB	
PPPVPCM2	PPPEDB	
PPPVZPCM	PPPEDB	
TBPCM00C	PPPEDB	

1.2 Install the following **new** DDL members

Replace *AUTHID* and databases PPPEDB as necessary with appropriate campus values.

DDL Members	Database	Installed?
TBPCM23A	PPPEDB	

1.3 Modify DB2 objects

Choose either the **RC/Migrator** or **DDL** approach:

- **RC/Migrator approach**

RC/Migrator strategy ANALYSIS (R1738U) can be used to perform the DB2 changes. The strategies do not provide for local changes to referenced objects. **Note:** If you do not wish to use the RC/Migrator strategy, skip this step and continue with the next bullet point, "DDL Approach".

- Modify ANALYSIS (R1738U) by updating *AUTHID* and databases PPPEDB .
- Use RC/Migrator to execute the strategies.

- **DDL approach**

- Alter table PPPPCM and associated views by executing the DDL member in the following order.

- a) **Execute** the following new or modified DDL members in order:

- DDL member TBPCM23A 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).

- b) **Drop** the following views; (No DDL member has been provided for this).

- PPPVHDA2_PCM
- PPPVPCM1_PCM
- PPPVPCM2_PCM
- PPPVZPCM_PCM

c) **Recreate** the following views by executing these DDL members.

- DDL member PPPVHDA2 to create view PPPVHDA2_PCM
- DDL member PPPVPCM1 to create view PPPVPCM1_PCM
- DDL member PPPVPCM2 to create view PPPVPCM2_PCM
- DDL member PPPVZPCM to create view PPPVZPCM_PCM

1.4 (Re)grant access

Execute the one-time DDL member listed below, replacing *WEBID* with the surrogate ID used for Web EDB Inquiry. The CURRENT SQLID must be set to the value of *AUTHID* of the authorization ID that will own the Web accessed objects. Once modified, execute the DDL member (PPOT1738).

DDL Members	Executed?
PPOT1738	

2. *Include Member Installation*

2.1 Install the following **modified** include members:

Include Members	Installed?
PPPVHDA2	
PPPVPCM1	
PPPVPCM2	
PPPVZPCM	

3. *Copylib Member Installation*

3.1 Install **modified** copy members:

Copylib Members	Installed?
CPLNKGR1	
CPLNKGRS	
CPLNKHDA	
CPWSRCPW	
CPWSRPCM	
CPWSX394	

3.2 Modify and install the following **campus-specific** copy members:

Note: do not overlay local values with Base values.

Copylib Members	Installed?
CPWSXIC2	
CPWSXIDC	

4. *COBOL Program Preparation*

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.

The "SPAS" designation indicates that a module needs to be compiled and linked into the appropriate SPAS loadlib. If only "SPAS" is indicated in the Compile column, then the module is either a called procedure, or only called by a stored procedure. The SPAS package bind differs from that used for CICS dual-use binds. If the SPAS application is running, a STOP and START PROCEDURE is required to install the new version.

"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.

4.1 Install, compile, and link the following **modified** programs :

PROGRAM	DB2?	Compile Type	Package Bind?	Done?
PPEM001	Yes	Batch	No	
PPEM004	Yes	Batch	No	
PPEM101	Yes	Batch	No	
PPEXERPT	Yes	Dual	No	
PPEY001	Yes	Batch	No	
PPEY101	Yes	Batch	No	
PPEY200	Yes	Batch	No	
PPHDAUTL	Yes	Dual	Yes	
PPKEYCHD	Yes	Dual	Yes	
PPNRARPT	No	Batch	No	
PPP130	Yes	Batch	No	
PPP410	Yes	Batch	No	
PPPCMCHG	No	Batch	No	
PPPCMFET	No	Dual	No	
PPPCMUPD	No	Dual	No	
PPPCMUTL	Yes	Dual	Yes	
PPPCMUTW	Yes	Dual	Yes	
PPSTARPT	No	Batch	No	
USER12	Yes	Dual	Yes	

4.2 Compile and link the following **unmodified** programs :

PROGRAM	DB2?	Compile Type	Package Bind?	Done?
PPAPEUFE	Yes	CICS	Yes	
PPAPEUPU	Yes	CICS	Yes	
PPAPORKS	Yes	CICS	Yes	
PPAPORSR	Yes	CICS	No	
PPAPORUP	Yes	CICS	Yes	
PPEDTADJ	Yes	Dual	Yes	
PPEI205	Yes	Dual	No	
PPELGRPT	Yes	Batch	No	
PPEM005	Yes	Batch	No	
PPEM006	No	Batch	No	
PPEM110	Yes	Batch	No	
PPEM111	Yes	Dual	Yes	
PPGRSAUP	No	Batch	No	
PPGRSCBD	No	Batch	No	

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PPGRSCOH	No	Batch	No	
PPGRSERN	No	Batch	No	
PPGRSFIN	No	Batch	No	
PPGRSLVE	No	Batch	No	
PPGRSPAR	No	Batch	No	
PPGRSRP1	No	Batch	No	
PPGRSRP2	No	Batch	No	
PPGRSRP3	No	Batch	No	
PPGRSRP4	No	Batch	No	
PPGRSRP5	Yes	Batch	No	
PPGRSRP6	Yes	Batch	No	
PPGRSRPA	No	Batch	No	
PPGRSRVW	No	Batch	No	
PPGRSTIM	No	Batch	No	
PPLVHRS	No	Batch	No	
PPNETCLC	Yes	Dual	No	
PPNETDTK	Yes	Dual	No	
PPNETUPD	Yes	Dual	No	
PPNTINDL	Yes	Dual-online only	Yes	
PPP050	Yes	Batch	No	
PPP080	Yes	Batch	No	
PPP120	Yes	Batch	No	
PPP360	Yes	Batch	No	
PPP390	Yes	Batch	No	
PPP400	Yes	Batch	No	
PPP440	Yes	Batch	No	
PPP470	Yes	Batch	No	
PPP480	Yes	Batch	No	
PPP620	Yes	Batch	No	
PPP640	Yes	Batch	No	
PPPAVRAG	Yes	Batch	No	
PPRCADVC	Yes	CICS	Yes	
PPRCAUDT	Yes	CICS	Yes	
PPRCGRSS	Yes	Dual-online only	Yes	
PPRCMDL2	Yes	CICS	Yes	
PPRCNET	Yes	Dual-online only	Yes	
PPRCOPT1	Yes	CICS	Yes	
PPRCOPT2	Yes	CICS	Yes	
PPRCOPT3	Yes	CICS	Yes	
PPRCVEND	Yes	CICS	Yes	
PPWINBI	Yes	CICS	Yes	
PPWRCO2	Yes	CICS	Yes	
USER08	Yes	Dual	Yes	

5. Plan Binds

5.1 Bind the following plans:

Bind Member	Done?
PPP040	

PPP050	
PPP080	
PPP120	
PPP130	
PPP170	
PPP250	
PPP360	
PPP390	
PPP400	
PPP410	
PPP440	
PPP470	
PPP480	
PPP620	
PPP640	
PPP700	
PPP742	
PPP743	
PPP744	
PPP750	

6. *JCL Changes*

- 6.1 Modify the DD name COM3940 in the JCL for program PPP390. A sample of this JCL can be found in the JCL member MODEC06. This change expands the length of the file passed between PPP390 and PPP400 from 1270 to 1390. This expansion is due to the need to add one new balance for which there was no existing filler and to add new filler dollar balances for future use.

7. *Testing*

- 7.1 Perform installation verification testing as described in the Test Plan. In addition perform any further local testing.

8. *Install in Production*

- 8.1 Place modified objects in production.

9. *Control Table Updates*

- 9.1 Execute **PPP004** to update the following DB2 CTL tables with release transactions.
- **Data Element Table (06)** – Use the transactions in CARDLIB (DETPROD). The following new element numbers are added to the DET.

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(EDB 5557) - Nonqualified Plan 457 Distributions and Contributions

(EDB 5558) - Nonqualified Plans for W-2 Box 11

(EDB 5559) - Filler for future Dollar balance

(EDB 5560) - Filler for future Dollar balance

(EDB 5561) - Filler for future Dollar balance

(EDB 5562) - Filler for future Dollar balance

(EDB 5563) - Filler for future Dollar balance

(EDB 5564) - Filler for future Dollar balance

(EDB 5565) - Filler for future Dollar balance

(EDB 5566) - Filler for future Dollar balance

(EDB 5567) - Filler for future Dollar balance

(EDB 5568) - Filler for future Dollar balance

(EDB 5569) - Filler for future Dollar balance