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Re: Release: 1642
Service Request: None
Error Reports: 1958, 1966
Programs: PPAPDPFP , PPAPDPKS, PPAPDPNF, PPAPPIFP, PPAPPKFS, PPAPPINF, PPEUDEXT, PPP465, PPWIADJ, PPWIBRS, PPWCHK, PPWICH2, PPWIDCA, PPWIDCS, PPWIDC2, PPWIDD, PPWIDDN, PPWIDER, PPWIDGT, PPWIDHD, PPWIDSP, PPWIERN, PPWGDR

Copymembers: CPWSWORK
Include Members: PPPVEUD1, PPPVZEUD
DDL Members: IXEUDA0C, IXEUDB0C, IXEUDD0C, IXEUD0C, IXEUDF0C, IXEUDG0C, PPPVEUD1, PPPVZEUD, TBEUD00C, TBEUD10A
Bind Members: None
CICS Maps: None
Web Include Members: None
Forms: None
Table Updates: None
Urgency: Not Urgent

This release addresses the following Error Report.

**Error report 1958: IPAR problem when PAR CTL number cycles back to zero**

Campuses have reported that the PAR inquiry screens (IERN, ICHK, etc.) incorrectly display PAR control number 999 as the most recent PAR, even when the control number has rolled over to 001. This prevents correct navigation between PARs going from most current backwards.

This objective of release is to provide proper sequencing of the PAR records online in both the PAR inquiry (IPAR) and departmental PAR inquiry (IDPR) subsystems. The solution was to add a new sequence number field to the PPPEUD table, which is the "parent" table of the DB2 PAR. This field will be derived by program PPP465 at the time that the DB2 PAR is loaded from a sequential PAR. It will be based on the PAR control number and pay period end date values.

**Error report 1966: ICHK and IDCS - F5 and F6 keys are not available after message P0304**

It was reported that the ICHK and IDCS screens display message P0304 after displaying a non-current PAR, e.g. expense transfer. When this message is displayed, neither the F5 (previous record) nor the F6 (next record) options are available, even though other records are present.
This release will correct the problem by moving the code that checks for current records and displays the message to the appropriate place in the program so that the function key availability is not affected.

**Programs**

**PPAPDPFP**
This is the "function pre-edit" application processor for the departmental PAR inquiry subsystem (IDPR). It was modified to use the new PAR_SEQ_NO field in the PPPEUD table for sorting the PAR records instead of PRI_GROSS_CONTROL (PAR control number), when determining the PAR record to be displayed on the detail screen.

**PPAPDPKS**
This is the "key switch" application processor for the departmental PAR inquiry subsystem (IDPR) which runs when the user enters new data in the screen footer. It was modified to use the new PAR_SEQ_NO field in the PPPEUD table for sorting the PAR records instead of PRI_GROSS_CONTROL (PAR control number), when determining the PAR record to be displayed on the detail screen.

**PPAPDPNF**
This is the "new function setup" application processor for the departmental PAR inquiry subsystem (IDPR). It was modified to initialize CPWSWORK-PAR-SEQ-NO to zeroes.

**PPAPPPIFP**
This is the "function pre-edit" application processor for the PAR inquiry subsystem (IPAR). It was modified to use the new PAR_SEQ_NO field in the PPPEUD table for sorting the PAR records instead of PRI_GROSS_CONTROL (PAR control number), when determining the PAR record to be displayed on the detail screen.

**PPAPPPIKS**
This is the "key switch" application processor for the PAR inquiry subsystem (IPAR) which runs when the user enters new data in the screen footer. It was modified to use the new PAR_SEQ_NO field in the PPPEUD table for sorting the PAR records instead of PRI_GROSS_CONTROL (PAR control number), when determining the PAR record to be displayed on the detail screen.

**PPAPPPIFN**
This is the "new function setup" application processor for the departmental PAR inquiry subsystem (IDPR). It was modified to initialize CPWSWORK-PAR-SEQ-NO to zeroes.

**PPEUDEXT**
This program loads into storage the data from the PPPEUD table for the requested PAR record. It was modified to include the new PAR_SEQ_NO field in the data returned.

**PPP465**
This program takes a sequential PAR file from a compute and loads it into the DB2 PAR. It was modified to derive the new PAR_SEQ_NO field for all PPPEUD records (not just the ones added). The derivation is based on the relationships of the pay period end dates between the PARs.

**PPWIADJ**
This is the detail screen processor for the IADJ (Hours/Dollars Adjustments) function. It selects detail PAR data formats the screen. It was modified to use the new PAR_SEQ_NO field in the PPPEUD table instead of the PRI_GROSS_CONTROL (PAR control number) for sorting PAR records and determining which PAR to display.

**PPWIBRS**
This is the detail screen processor for the IBRS (Employee browse) function. It was modified to use the new PAR_SEQ_NO field in the PPPEUD table instead of the PRI_GROSS_CONTROL (PAR control number) for sorting PAR records.
This is the detail screen processor for the ICHK (Simulated Check Stub) function. It selects detail PAR data formats for the screen. It was modified to use the new PAR_SEQ_NO field in the PPPEUD table instead of the PRI_GROSS_CONTROL (PAR control number) for sorting PAR records and determining which PAR to display. In addition, this program was modified to correctly display message P0304 when a non-current PAR is being shown, and correctly keep the F5 and F6 keys available.

This is the detail screen processor for the ICHK page 2 (Simulated Check Stub) function. It selects detail PAR data formats for the screen. It was modified to use the new PAR_SEQ_NO field in the PPPEUD table instead of the PRI_GROSS_CONTROL (PAR control number) for sorting PAR records and determining which PAR to display.

This is the detail screen processor for the IDCA (Departmental Inquiry Check Address) function. It selects detail PAR data formats for the screen. It was modified to use the new PAR_SEQ_NO field in the PPPEUD table instead of the PRI_GROSS_CONTROL (PAR control number) for sorting PAR records and determining which PAR to display. In addition, this program was modified to correctly display message P0304 when a non-current PAR is being shown, and correctly keep the F5 and F6 keys available.

This is the detail screen processor for the IDCS page 2 (Simulated Check Stub) function. It selects detail PAR data formats for the screen. It was modified to use the new PAR_SEQ_NO field in the PPPEUD table instead of the PRI_GROSS_CONTROL (PAR control number) for sorting PAR records and determining which PAR to display.

This is the detail screen processor for the IDDC (Departmental Inquiry Deductions and Contributions) function. It selects detail PAR data formats for the screen. It was modified to use the new PAR_SEQ_NO field in the PPPEUD table instead of the PRI_GROSS_CONTROL (PAR control number) for sorting PAR records and determining which PAR to display.

This is the detail screen processor for the IDDN (Deductions and Contributions) function. It selects detail PAR data formats for the screen. It was modified to use the new PAR_SEQ_NO field in the PPPEUD table instead of the PRI_GROSS_CONTROL (PAR control number) for sorting PAR records and determining which PAR to display.

This is the detail screen processor for the IDER (Departmental Inquiry Earnings Distributions) function. It selects detail PAR data formats for the screen. It was modified to use the new PAR_SEQ_NO field in the PPPEUD table instead of the PRI_GROSS_CONTROL (PAR control number) for sorting PAR records and determining which PAR to display.

This is the detail screen processor for the IDGT (Departmental Inquiry Summary of Grosses/Totals) function. It selects detail PAR data formats for the screen. It was modified to use the new PAR_SEQ_NO field in the PPPEUD table instead of the PRI_GROSS_CONTROL (PAR control number) for sorting PAR records and determining which PAR to display.
This is the detail screen processor for the IDSP (Departmental Inquiry Hours/Dollars Adjustments) function. It selects detail PAR data formats the screen. It was modified to use the new PAR_SEQ_NO field in the PPPEUD table instead of the PRI_GROSS_CONTROL (PAR control number) for sorting PAR records and determining which PAR to display.

This is the detail screen processor for the IDSP (Check Address) function. It selects detail PAR data formats the screen. It was modified to use the new PAR_SEQ_NO field in the PPPEUD table instead of the PRI_GROSS_CONTROL (PAR control number) for sorting PAR records and determining which PAR to display.

This is the detail screen processor for the IERN (Earnings Distributions) function. It selects detail PAR data formats the screen. It was modified to use the new PAR_SEQ_NO field in the PPPEUD table instead of the PRI_GROSS_CONTROL (PAR control number) for sorting PAR records and determining which PAR to display.

This is the detail screen processor for the IGRS (Summary of Grosses/Totals) function. It selects detail PAR data formats the screen. It was modified to use the new PAR_SEQ_NO field in the PPPEUD table instead of the PRI_GROSS_CONTROL (PAR control number) for sorting PAR records and determining which PAR to display.

This copylib member is the common work area layout. A new field was added to store the PAR_SEQ_NO.

Include members

PPPVEUD1, PPPVZEUD
New column PAR_SEQ_NO has been added to the above DDL members.

DDL members

IXEUDA0C, IXEUDB0C, IXEUDC0C, IXEUDD0C, IXEUDF0C, IXEUDG0C
These indexes were modified to use the new column PAR_SEQ_NO instead of PRI_GROSS_CTL to make the IBRS screen more efficient.

IXEUDG0C
This is a new index which uses the new PAR_SEQ_NO field to make the IPAR screens more efficient.

PPPVEUD1, PPPVZEUD, TBEUD00C, TBEUD10A
New column PAR_SEQ_NO has been added to the above DDL members.

TBEUD20A
This DDL member contains the ALTER statements to add new column PAR_SEQ_NO to the PPPEUD Table.

Test Plan

An installation Test Plan is provided with this release.

Installation Instructions
An Installation Instructions Document is provided with this release.

**Timing of Installation**

The installation 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 of releases.

If there are any questions, please send electronic mail to Maxine.Gerber@ucop.edu, or call at (510) 987-0422.

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