



IBM Software
VisualAge Pacbase



Monthly Newsletter December 1998

New Functionalities

VisualAge Pacbase 2.5

Batch System Development

Processing of the Century in the current date and modification of the windowing at the Library level (C 17654).

Process. of the Cent. in the current date and windowing.

Addition of two fields in the Library definition screen.

- Reference year for the calculation of the century (default value = '61'), value taken for the initialization of the working areas used in the various generators to adapt the century when modifying a 6-character date.
- Retrieval of the computer date :
 - = 'N' default value (no modification)
 - = 'C' the Cobol generated from ADT and ADC operators will be adapted to retrieve the computer date with Century. Use of new cobol functions or calculation of the Century depending on the reference year (all cobols concerned).
 - = 'W' for the cobol 74 variants, the CENTUR field will be fed from a table described in Working (this table contains 20s and 19s depending on the windowing value).

Client/Server System Development

LVP Monitor : taking into account of the Data Buffer shared by Business Components (C 17618).

Business Component: the database SQL INFORMIX is taken into account (C 17653).

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Communications Monitor : useful size of messages (C 17717).

Communications Monitor : taking into account of the useful size of messages (adaptation for CICS/CPIC communication - MVS/CICS and Unisys TCIS Socket).

LVP Unisys TCIS Communications Monitor: the useful size of the message content taken into account (C17817).

Constants-Pacbase : grouping of values in one level 01 only (C 17820).

Constants-Pacbase : grouping of the different components values in one level 01 only.

Initialization of A-CATM field (C 17835).

Business Component: initialization of A-CATM field

On-Line System Development

WEB GCOS7 and GCOS8 in Cobol 74 (C 17625).

Deletion of MOVE (address, length) in the Web Communications Monitors.

Processing of the Century in the current date and modification of the windowing at the Library level (C 17654).

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Pacbase Access Facility

XPAF: a character string can be selected in a PAF column by calling a user sub-program (C 16476).

To do so, you must code, in the \$7E UEO, an 'F' in the T field and for the Selection:

PROGR=xxxxxxx USING yyyyy (xxxxxxx is the user program and yyyyy the PAF column).

This Change also corrects 2 problems:

- 1°) only one documentation line was output in PDM if the entity included a Parameterized Input Aid in its -G.
- 2°) it is now possible to test a lowercase value in the \$7E UEO description by coding a '2' in column 68 of line *.

Batch Procedures

CPSN : a check on the source of input files has been added (C 17834).

These files must result from the same extraction (EXTR or EXLI) and have the same extraction option if EXTR.

Pac/Impact

IPIA: recognition of ISOS (ADT,...) transactions in the generated transactions (C 17298).

IPIA: recognition of ISOS (ADT, ...) in the generated transactions of the lines containing operators, Lines containing operators, generated dates or constant values and which are detected by the ISOS procedure (on request) will be taken into account in the transactions impacted by library and in the corresponding reports.

IANA: allow an action code on the FR file to delete a search criterion (C 17343).

IANA: the 'D' action code on a FR transaction is used to delete the corresponding criterion on FH. This criterion being physically deleted, it may consequently be reimpacted by IANA, as it is not memorized as a criterion on the FQ file.

IANA: new processing to improve the impact analysis results (C 17827).

The analysis of macro-structures, called in programs or screens, is used to identify the use of entry points even if they are not defined in these macro-structures.

Until now, the analysis was limited to the lines of closed loop circuit macro-structures (use of a criterion if the latter was defined in the same macro-structure).

If the use of the FP file (entities to be analyzed) can limit the impact analysis, it is necessary to indicate the MSP whose specific code uses areas defined in the -W screen of another MSP or of a program. IANA procedure applies only to the specific code of the entities specified in the FP file.

VisualAge Pacbase - Workstation 2.5

Metamodel

Removal of the EIE entities (C 15966).

The EIE entities were not used. They have been removed from lists and sub schemas.

Pacbench Client/Server 2.5

Proxy Functionalities

Folder mode developed for OLE proxies (C 17780).

Corrected Bugs

VisualAge Pacbase 2.5

Installation and Procedures

The messages in reception have been optimized (C 17702 for CICS, IMS and DOS/VSE).

Batch System Development

Cobol II/85 program: BLOCK CONTAINS clause deleted if the block factor value is zero (C 17873).

Cobol II or 85 variant programs: the BLOCK CONTAINS clause is deleted if the block factor value is zero.

Data input on a -p line: error message sent when a '00' level is associated with a 'IT' type (C 17882).

Data input on a -p line: a WARNING message is sent when the user did not enter any value in the level field (or when he/she entered a '00' value) on a line of IT type.

Client/Server System Development

Business Component: send of an error message if the communication area is too high (C 17658).

Business Component: send of an error message if the length of the communication area is higher than the length declared by the user (LGCOMM option).

Business Component: call of Server for user service wrong length of action code (C 17687).

Business Component: in the communication area of a call of Server for a user service, the length corresponding to the actions codes is not nil, if this call is declared a call of Server in update. This is now corrected.

Folder : description of Buffers and Logical Views.

Length of Data Elements on 5 characters. (C 17719).

Folder : description of User Buffers and Logical Views.
Data Elements with a 5-character format.

Communications Monitor : a problem of storage occurs when the data volume is too important (C 17771).
Corrected.

Folder Manager : taking into account of the PSB (C 17814).

Folder Manager : taking into account of the PSB, declaration of the PCBs in the LINKAGE and when calling Business Components.

Server Call line by line: if information requested not found, return code is equal to 'C' and not to 'S' (C 17833).

Second level Server call line by line (ORGA = '2') : selection service request, if the information requested has not been found the return code takes the value 'C'.

This value is not checked at the return of the Server to set the configuration indicator.

Corrected.

COPY clause on unified FVP Server: generation of a part of the Folder by error (C 17879).

COPY clause on unified FVP Server: generation by error of a part of Folder working.

Extraction method entered for a Server call (C 17881).

The key corresponding to an extraction method is entered for a Server call: '1-' prefix is missing. It is corrected now.

Pacbase Access Facility

PACX-EXTR UEO + UPDP - UEO with a logical lock. When running UPDP, Error 1566 'No entity of higher lev. for this entity' (C 17859).

This has been corrected in PAF900.

Problem concerning PAF, table PGMSP8 in -8 line programs (C 17901).

Corrected.

Procedure and Transaction PARM

PARM: the output report of PARM procedure edits access keys with the old format (C 17650).

PARM: PAC7IJ status of PARM procedure edits the access keys with the old format. This is now corrected.

Personalized Documentation Manager

PDM : the \$BP parameter entered on the line following the PCV command was not taken into account (C 17853).

Corrected.

Production Environment Interface

SIPE : password check error (C 17902).

PEI: The control check was not correctly processed. It has been corrected.

Batch Procedures

PACX/EXTR for CPSN: addition of a check on extraction libraries + no modif. of lib. record (C 17822).

PACX/EXTR for CPSN:

- it is now forbidden to compare entities coming from different sub-networks (libraries at * cards level must be equal for both extractions).
- CPSN used to generate a modification transaction of the library label if the label had evolved between the 2 frozen sessions: this is now corrected.

PACX/EXTR for UPDP: various errors (C 17829).

PACX/EXTR for UPDP - correction of the following error:

- ETA-I : columns from 67 to the end were columns 1 (loss of columns from 1 to 66), label numbers and line breaks were missing.
- Loss of the guide format contents if the same guide format existed in different libraries with different contents and was called in different entities.

PACX/EXTA: sort criteria modified so that the transactions are sorted the same way as it was with EXTR 1.6 (C 17837).

PACX/EXTA procedures:

- the sort criteria have been modified so as to obtain the same result in the transactions sort as we did with the EXTR 1.6 procedure. With such a modification, there is no need to insert an identification line before a request now.
- the data structure extraction procedure extracted the segments used by the segments of the data structure. It is corrected now.

PACX-EXTR UEO + UPDP - UEO with a logical lock. When running UPDP, Error 1566 'No entity of higher lev. for this entity' (C 17859).

This has been corrected in PAF900.

PACX/RMEN/UPDT: problem concerning keywords (C 17877).

PACX/RMEN/UPDT procedures:

- on a database block: the keywords are missing for the renamed block.
- the keywords of the renamed entities have not been canceled.

Problem concerning PAF, table PGMSP8 in -8 line programs (C 17901).

Corrected.

Rename and Move Utility

PACX/RMEN of UEO and entities called by this UEO (in the same flow) : transactions were not sorted correctly (C 17733).

PACX/RMEN of UEO and entities called by this UEO in the same flow of requests : the update of the UEO was not correctly performed.
Corrected.

PACX/RMEN of a DB called in the -CS: the -CS dependent lines are not always canceled (C 17825).

This is now corrected.

PACX/RMEN/UPDT: problem concerning keywords (C 17877).

PACX/RMEN/UPDT procedures:

- on a database block: the keywords are missing for the renamed block.
- the keywords of the renamed entities have not been canceled.

PACX/RMEN on a data element used in an access key source field in the -CS of folder was KO (C 17889).

The PACX/RMEN procedures on a data element which was used in the access key source field in the call of segment screen of a folder did not work. It is corrected now.

Relational DBD

SQL RDMS Block : erroneous calculation of numeric fields format (C 17812).

SQL RDMS Block : the calculation of the numeric fields format was erroneous.
Corrected.

Pac/Impact

ISOS: elementary fields (DATOA, ...) are entry points generated by AD operators (C 17578).

ISOS: elementary fields (DATOA, DATOM and DATOJ) are entry points generated by ADT and ADC operators.

Miscellaneous

Msp AADC10 and AADC30 (dating): 1900 was identified as a leap year (C 17765).

Msp AADC10 and AADC30 (dating): 1900 was identified as a leap year, which brought about dating errors.
The error has been corrected.

Screen description: no numeric check should be done in case of deletion (C 17793).

'Screen description' input: suppression of the numeric check on the line number in case of deletion.

R-XP: the header line does not appear anymore (C 17799).

R-XP choice: the header line did not appear anymore.

This is now corrected.

VisualAge Pacbase - Workstation 2.5

Graph

Opening the "File" menu in read-only (C 17558).

The "File" menu is enabled, even if the graph is in read only mode. This allows access to the items which control the graph printing.

Redisplay after printing (C 17752).

Graphs could sometimes not redisplay after closing the print control box. The identified causes have been corrected.

RTF Local Prints

Graph edition (C 16832).

A blank page was often edited after a graph when processed by ILRTF. This erroneous behavior has been corrected.

Labeled paragraphs (C 17450).

Labeled paragraphs with different formats are now correctly retrieved.

Protection against the presence of incorrect lines in the file to be processed (C 17821).

It can happen that incorrect lines be inserted in the PDM file while it is transferred onto the PC. Additional tests are able to remove these lines and to avoid the problems they originate.

Title aspect (C 17884).

In some cases, ILRTF generated a blank title line after a "normal" title line. This has been corrected.

\$\$ sequences in the texts (C 17922).

ILRTF used to wrongly cancel characters preceding a \$\$ string. It is not the case anymore.

Host List

Differentiating entities CLI SVR SCR (C 9435).

The entities CLI, SVR, SCR no longer merge in the Host lists by code.

Miscellaneous

Work context retrieval (C 16817).

The memorized work context is correctly displayed at the next connexion (including the sub schema).

VisualAge Pacbase 2.0

Installation and Procedures

The file of user inputs for the IPFQ procedure was missing from the installation tape (C 17723 for GCOS/8).

This is now corrected.

Pacbase Access Facility

Code '\$' followed by the call type did not appear lock transactions (C 17763).

UPDP: the transaction formatted by PAF900 from the LIST OF LOCKED ENTITIES Table was incomplete for user entity occurrences (code \$tt was missing).

This has been corrected.

Personalized Documentation Manager

The existence check of a Master Outline called in a report was incorrect (C 17828 for GCOS/8).

This is now corrected.

Batch Procedures

Evolution of PACX (C 16661).

1- EXTR extractor:

A counter for transactions extracted by entity, is edited in PAC7EZ report.

2- EXTA extractor:

It is the same request as EXTR extractor's.

Yet, in this case, identification lines are not gathered to optimize requests.

It is thus possible to find in output the same sort as the one in EXTR 1.6 procedure by inserting, before each request, an identification line.

3- RMEN request:

A new report (PAC7ED) edits the number of lines extracted on moving or renaming request.

The Reorganization does not build the Index correctly if entities were created in * by VINS (C 17663).**

When dedicated User Entities were uploaded in the Inter-Library via the VINS procedure, the Reorganization procedure would not rebuild correctly some XRefs-related Index.

This is now corrected.

PACX/EXTR: does not extract entities called in the UEOs if the UE has evolved (C 17742).

PACX/EXTR of UEOs: if the UE had evolved since the UEOs creation, the search of used entities would not run properly.

This is now corrected.

PACX/EXTR and selected Lib. = U : the used entities were not extracted if the UE was in a higher Lib (C 17769).

PACX/EXTR of UEO with selected Library equal to 'U': if the User Entity was in a Library higher than the extraction Library, the used entities were not extracted.

This has been corrected.

Rename and Move Utility

PACX/RMEN: erroneous sort of PAC7WD file (C 17744).

PACX/RMEN: there used to be duplicate items in the sort of work file. This generated an erroneous sort on some platforms and hence rejects in the UPDT procedure.

This has been corrected.

Sub-Network Comparison Utility

The blocksize of files formatted with PACX did not correspond to the one used by CPSN (C 17818 for GCOS/8).

The PACX procedure use to format the TD file (CPSN format) with a blocksize of 9413, while the CPSN procedure expects a blocksize of 5309.

This is now corrected.

VisualAge Pacbase - Workstation 2.0

RTF Local Prints

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Title aspect (C 17884).

In some cases, ILRTF generated a blank title line after a "normal" title line. This has been corrected.

New Availabilities

Softwares

<i>REFERENCE</i>	<i>LABEL</i>
ID 250 COS V01 X	VA Pac - DSMS 2.5 - CICS
PB 250 COS V05 X	VisualAge Pacbase 2.5 - CICS
PB 250 IMS V05 A	VisualAge Pacbase 2.5 - IMS
PB 250 IMS V05 F	VisualAge Pacbase 2.5 - IMS
PK 250 DOC 004 X	VA Pac 2.5 CD-ROM Documentation

Documentations

<i>REFERENCE</i>	<i>LABEL</i>
DEPD7001251A	VA Pacbase 2.5 - GCOS/7 : Environment & Installation
DEPD7001251F	VA Pacbase 2.5 - GCOS/7 : Environnement & Installation
DEPD8003251A	VA Pacbase 2.5 - GCOS/8 : Batch Procedures - User's Guide
DEPD8003251F	VA Pacbase 2.5 - GCOS/8 : Procédures Batch - Guide Utilisateur
DSREF000253A	VA Pacbase Workstation 2.5 - Reference Manual
DSREF000253F	VA Pacbase Station de Travail 2.5 - Manuel de Référence