IBM Software
VisualAge Pacbase

IBM

Monthly Newsletter
November 1998

New Functionalities

VisualAge Pacbase 2.5

Client/Server system development

TUXEDO: XA standard implemented with Sybase *(C 16970)*.

In an Initialization or Termination Server's Call of Segments, the DESCRIPTION TYPE field associated with an SQL Sybase Block may be entered with the value "3".

This means that database connection and disconnection orders are performed via calls to TUXEDO routines (TPOPEN and TPCLOSE).

Otherwise, such orders are standard SQL orders.

On-Line System Development

VISUALAGE COBOL implemented *(C 17599)*.

VISUALAGE COBOL implemented via TYPE OF COBOL and TYPE OF MAP TO GENERATE = 3 and 4, respectively.

Pacbench Client/Server 2.5

Proxy functionalities

OLE : CICS ECI and TUXEDO Communications Protocols have been included *(C 17779)*.

OLE : Its is now possible to use CICS ECI and TUXEDO Communications Protocols as well as several protocols for one same proxy.

Corrected Bugs

VisualAge Pacbase 2.5

Compatibility

Various corrections on RMEN *(C 16538)*.

PACX/RMEN - the following abnormalities have been corrected:

- If the entity to be updated was used in a locked entity, RMEN would refuse to process the entity.
  From now on, if the user has level 4, the entity is processed; a message is edited to mention that the entity is used in a locked entity.
- Passwords of parents Data Elements were not processed.
- RMEN use to replace all the occurences of the characters string corresponding to the old code, even if these occurences did not correspond to the entity to be processed.
- If a Data Element was used in a SOURCE zone of a report -CE, under another form than FFNNRUBRIQ (FFNN-RUBRIQ, for instance), the Data Element was not recodified on these lines.
- If a DBD block was called in the -CS of a screen, deletion transactions of -CS lines with dependent lines were rejected by UPDT.
- The procedure would wrongly generate transactions for the locks of impacted entities.
- If a screen was called in another screen at the definition level (e.g. error label server called in the folder), transactions for the calling screen were wrong.

Client/Server system development

Client Component: the 'SIGN IS LEADING SEPARATE' usage is not generated for Logical View data element *(C 17724)*.

Client Component: the 'SIGN IS LEADING SEPARATE' usage is not generated for Logical View data elements with a signed numerical format (wrongly replaced by DISPLAY-1).
This is now corrected.

Pacbase Access Facility

Code '$' followed by the call type did not appear in the 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.

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.

EXPJ - L4 transactions following the modification of -DR. The key data is lost *(C 17509)*.

When a description line of a Database Block having a key was modified, the key data did not appear in the journal.

If an UPDT was run following an EXPJ on this journal, the key data was lost.

Corrected.

UPDT and multiple deletion ('B' action code): some dependent lines were not always deleted

(C 17750).

UPDT and multiple deletion ('B' action code): the deletion transactions of the general documentation lines were not generated for the deletion of a:- Data Element used in a Segment -CE- Data Element used in a methodology entity -CE

- Database Block used in a Database block -DH.

This has been corrected.

MLIB: the label of a library is not correctly edited in the status *(C 17584)*.

MLIBIf the library label was modified in a frozen session, it is because of the label that would appear in the 'Modification of the network' status.

This is now corrected.

CPSN: a parent Data Element in the slave network could not become a child Data Element
(C 17601).

This has been corrected.

PACX: the session number of * card contained in characters 76 to 79 is not checked
(C 17648).

The session number (for the output file) of the identification line ('*') was not checked.

This is now corrected.

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.

UPDP with transactions issued from PACX: warnings are to be handled like in UPDT *(C 17700)*.
UPDP with transactions issued from PACX: some errors were blocking, in spite of being warnings in UPDT.
This is now corrected.

UPDP: update problem for ETACAT tables *(C 17705)*.
UPDP : the update of transactions resulting from ETACAT tables would not run correctly.
This is now corrected.

New extractor EXTA: completes change 16661 -> blocking option 'ALL' *(C 17725)*.
In PACX, EXTA extractor enables to find the results of EXTR 1.6 procedure.
In this case, 'ALL' option cannot be used anymore.

PACX/EXTR+ for UPDP: passwords were not properly managed if the definition existed in several libraries *(C 17736)*.
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 Library *(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

Various corrections on RMEN *(C 16538)*.
PACX/RMEN - the following abnormalities have been corrected:- If the entity to be updated was used in a locked entity, RMEN would refuse to process the entity.
  From now on, if the user has level 4, the entity is processed; a message is edited to mention that the entity is used in a locked entity.
- Passwords of parents Data Elements were not processed.
- RMEN use to replace all the occurences of the characters string corresponding to the old code, even if these occurences did not correspond to the entity to be processed.
- If a Data Element was used in a SOURCE zone of a report -CE, under another form than FFNNRUBRIQ (FFNN-RUBRIQ, for instance), the Data Element was not recodified on these lines.
- If a DBD block was called in the -CS of a screen, deletion transactions of -CS lines with dependent lines were rejected by UPDT.
- The procedure would wrongly generate transactions for the locks of impacted entities.
- If a screen was called in another screen at the definition level (e.g. error label server called in the folder), transactions for the calling screen were wrong.

PACX-RMEN: the identification lines ('*') were not correctly generated *(C 17579)*.
This has been corrected.

PACX-RMEN : Replace (RP) entities. The URE selection did not work *(C 17627)*.
PACX-RMEN-RP :Replace entities. The URE selection did not work.Corrected.

PACX-RMEN-RP: libraries lower than the * card library are not to be involved *(C 17646)*.
PACX-RMEN-RP: transactions were generated for libraries lower than the identification line library.
Now, for 'RP'-type process, only the identification line library is taken into account.

PACX/RMEN for entities called in a description of method entity for UPDP: table code blank in GY *(C 17699)*.
PACX/RMEN for entities called in the description of method entity with formatting for UPDP: the output file for PACX contained records with a PAF table code not filled in. It would generate errors in UPDP.
This is now corrected.

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.

Miscellaneous

Cross-references in call of macros for Data Structures and Segments *(C 17626)* **:**
Characters indicating the cross-refernce (S= and D=) in the -CP were wrongly renewed in the program lines (lines W, P, 8...).
This is now corrected.

Problem with the check of the access retention date if the system date is DDMMYY
(C 17727 for DOS/VSE).
If the system date is DDMMYY, the program displaying the Va Pac prompt would send a wrong message meaning that the limitation date had been reached.
This is now corrected.

VisualAge Pacbase WorkStation 2.5

Installation and procedures

Methodology Installattion *(C 17801)*.
The message asking for the access path to the PACBASE.DAT file has been modified.

RTF Local prints

Processing '$....' sequences *(C 17448)*.
ILRTF suppressed the characters that preceded a '$....' sequence (which sets bold, italic, etc.).
This is now corrected.

Word Processor indicator *(C 17726)*.
Radiobuttons allow to indicate of the target word processor for the generation and to take into account some specificities.
The modification mainly enables Word 97 to correctly display the graphs.

Metamodel
Sub-schema display *(C 15692)*.
The sub schemas of the metamodel are correctly displayed whichever the screen resolution.

Pacbench Client/Server 2.5

Middleware

FVP : take into account of messages useful length _(C 17800)._
FVP : take into account of the useful length of the messages transferred between the client component and the communication monitor. This take into account is effective for all the middleware except LOCAL and CICS ECI for which the protocol does not allow to transmit buffers with different length between the client request and the server answer.

Proxy functionalities

Smalltalk FVP: take into account of an event in the error manager _(C 17595)._
Smalltalk FVP: take into account in the error manager of a nonRestorableContext event, instead of the actionErrorLabel attribute which was not feed.
This event is sent when no context restoration is available after an error.

PVD: no unlock at an updateFolder action after a creation of the root node _(C 17680)._
PVD: no unlock at an updateFolder action after a lock and a creation of a root node instance.
This is now corrected.

Smalltalk FVP: error in "File in" if the root node did not include an update service _(C 17774)._
Smalltalk FVP: error in "File in" if the root node did not include an update service whereas at least one dependent node included one.
This has been corrected.

Smalltalk LVP: wrong message if a communication error occurred _(C 17777)._
Smalltalk LVP: wrong message received if a communication error occurred at the time a server action was sent.
This has been corrected.

OLE : methods for retrieving the values of a Data Element are correctly included _(C 17778)._
OLE : methods for retrieving the values of a Logical View data Element (getValue) are correctly included.

FVP : take into account of messages useful length _(C 17800)._
FVP : take into account of the useful length of the messages transferred between the client component and the communication monitor. This take into account is effective for all the middleware except LOCAL and CICS ECI for which the protocol does not allow to transmit buffers with different length between the client request and the server answer.

VisualAge Pacbase WorkStation 2.0

RTF Local prints

Processing '$....' sequences *(C 17448)*.
ILRTF suppressed the characters that preceded a '$....' sequence (which sets bold, italic, etc.).
This is now corrected.

Graphs with special characters in the comments *(C 17645)*.
Unlike the other textual elements, comments in graphs are not to be transcoded. The transcodification has been removed and special characters in the comments (" or \) are now correctly retrieved.

Word Processor indicator *(C 17726)*.
Radiobuttons allow to indicate of the target word processor for the generation and to take into account some specificities.
The modification mainly enables Word 97 to correctly display the graphs.

New Availabilities

Softwares

REFERENCE	LABEL
ID 250 COS V00 X	VA Pac - DSMS 2.5 – CICS
PB 200 DP7 V16 X	VisualAge Pacbase 2.0 - GCOS/7
PB 250 HP9 V04 X	VisualAge Pacbase 2.5 - HP/9000
PB 250 IRX V04 X	VisualAge Pacbase 2.5 - IRX
PB 250 RS6 V04 X	VisualAge Pacbase 2.5 - RS/6000
PB 250 SUN V04 X	VisualAge Pacbase 2.5 - SUN
PT 200 DP8 V09 X	VA Pac - Pactables 2.0 - GCOS/8
PT 250 COS V00 X	VA Pac - Pactables 2.5 - CICS

Documentations

REFERENCE	LABEL
DDOA000252A	Pacbench C/S Business Logic & TUI Clients - Reference Manual
DDOA000252F	Manuel de Référence Pacbench C/S : Services Applicatifs – Clients TUI
DDOAU000252A	Pacbench C/S User's Guide : Business Logic
DDOAU000252F	Guide Utilisateur Pacbench C/S : Services Applicatifs
DDOVA000252A	Pacbench C/S User's Guide : Graphic Clients
DDOVA000252F	Guide Utilisateur Pacbench C/S : Clients Graphiques
DDOVC000252A	Pacbench C/S User's Guide : Concept - Architectures - Environments
DDOVC000252F	Guide Utilisateur Pacbench C/S : Concepts - Architectures - Environnements
DEDS2000201A	DSMS 2.0 - OS/2 - Operations Manual
DELNT001251A	VA Pacbase 2.5 - Windows/NT - Environment & Installation
DELNT001251F	VA Pacbase 2.5 - Windows/NT - Environnement & Installation
DEPD7002251A	VA Pacbase 2.5 - GCOS/7 : Batch Procedures - Administrator's Guide
DEPD7002251F	VA Pacbase 2.5 - GCOS/7 : Procédures Batch - Guide Administrateur
DEPD7003201A	VA Pacbase 2.0 - GCOS/7 : Batch Procedures - User's Guide
DEPD7003201F	VA Pacbase 2.0 - GCOS/7 : Procédures Batch - Guide Utilisateur
DEPD7003251A	VA Pacbase 2.5 - GCOS/7 : Batch Procedures - User's Guide
DEPD7003251F	VA Pacbase 2.5 - GCOS/7 : Procédures Batch - Guide Utilisateur
DEPD8001251A	VA Pacbase 2.5 - GCOS/8 : Environment & Installation
DEPD8001251F	VA Pacbase 2.5 - GCOS/8 : Environnement & Installation