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# *VisualAge Pacbase Monthly Letter*

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## New Availabilities

### Softwares

REFERENCE	LABEL
PB 200 DP7 V19 X	VisualAge Pacbase 2.0 - BULL-GCOS7/TDS
PB 200 DP8 V19 X	VisualAge Pacbase 2.0 - BULL-GCOS8/TP8
PB 200 DP8 V20 X	VisualAge Pacbase 2.0 - BULL-GCOS8/TP8
PB 200 HP9 V19 X	VisualAge Pacbase 2.0 - HP 9000
PB 200 IMS V19 A	VisualAge Pacbase 2.0 - IBM-MVS/IMS
PB 200 IMS V19 F	VisualAge Pacbase 2.0 - IBM-MVS/IMS
PB 200 IRX V19 X	VisualAge Pacbase 2.0 - TANDEM IRIX
PB 200 O32 V19 X	VisualAge Pacbase 2.0 - OS2 32B
PB 200 OSF V19 X	VisualAge Pacbase 2.0 – DIGITAL UNIX
PB 200 RS6 V19 X	VisualAge Pacbase 2.0 - RS6000
PB 200 SUN V19 X	VisualAge Pacbase 2.0 - SUN SOLARIS
PB 200 WNT V19 X	VisualAge Pacbase 2.0 - Windows/NT
PB 250 DOS V09 A	VisualAge Pacbase 2.5 - IBM-VSE/CICS
PB 250 DOS V09 F	VisualAge Pacbase 2.5 - IBM-VSE/CICS
PB 250 WNA V09 X	VisualAge Pacbase 2.5 - Windows/NT Alpha
VP 250 *** V07 X	Pacbench Client/Server 2.5
PT 200 DP7 V12 A	Pactables 2.0 - BULL-GCOS7/TDS
PT 200 DP7 V12 F	Pactables 2.0 - BULL-GCOS7/TDS
PT 250 AIX V03 X	Pactables 2.5 - RS6000-DPX20
PT 250 DOS V03 A	Pactables 2.5 - IBM-VSE/CICS
PT 250 DOS V03 F	Pactables 2.5 - IBM-VSE/CICS
PT 250 DP7 V03 X	Pactables 2.5 - BULL-GCOS7/TDS
PT 250 HP9 V03 X	Pactables 2.5 - HP 9000
PT 250 IMS V03 X	Pactables 2.5 - IBM-MVS/IMS
PT 250 IRX V03 X	Pactables 2.5 - TANDEM IRIX
PT 250 OSF V03 X	Pactables 2.5 - DIGITAL UNIX
PT 250 SUN V03 X	Pactables 2.5 - SUN SOLARIS
PT 250 WNT V03 X	Pactables 2.5 - Windows/NT
ID 250 COS V03 X	DSMS 2.5 - IBM-MVS/CICS
ID 250 IMS V03 X	DSMS 2.5 - IBM-MVS/IMS

**Documentations**

<i>REFERENCE</i>	<i>LABEL</i>
PK 250 DOC 006 X	CD-ROM VisualAge Pacbase Documentation

# VisualAge Pacbase 2.0 - V19

## ***NEW FUNCTIONALITIES***

### **Client/Server system development**

**SQL Oracle: TIMESTAMP format accepts HH24 characters to specify HOUR.**  
(C: 18406 - All Platforms)

SQL Oracle: TIMESTAMP format accepts HH24 characters to specify HOUR in extended format entered in the Data Element Description.

### **On-Line System Development**

**SQL Oracle: TIMESTAMP format accepts HH24 characters to specify HOUR.**  
(C: 18406 - All Platforms)

SQL Oracle: TIMESTAMP format accepts HH24 characters to specify HOUR in extended format entered in the Data Element Description.

### **Batch Procedures**

**PACX: generation option of identification lines according to the source of the extracted line.**  
(C: 17224 - All Platforms)

PACX-EXTR: it is now possible to generate identification lines ('\*' lines) in the output files, in order to have the same view as the view in the network.

This possibility enables to make the equivalent of On-line choice 'M' in batch mode (EXTR of an entity with CPSN format in the two sessions, then run of the CPSN procedure).

This possibility is performed if '+' is entered in the 6th character of the extraction request line.

### **Relational DBD**

**SQL Oracle: TIMESTAMP format accepts HH24 characters to specify HOUR.**  
(C: 18406 - All Platforms)

SQL Oracle: TIMESTAMP format accepts HH24 characters to specify HOUR in extended format entered in the Data Element Description.

## **Miscellaneous**

**The message which indicated the number of variable fields is no longer displayed on the sign-on screen.**

**(C: 17996 - BULL-GCOS8/TP8)**

It is displayed only if the choices /128 and /192 are used.



# CORRECTED BUGS

## Compatibility

### **Various corrections on RMEN.**

*(C: 16538 - All Platforms)*

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 occurrences of the characters string corresponding to the old code, even if these occurrences 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.

## Pacbase Access Facility

### **Code '\$' followed by the call type did not appear lock transactions.**

*(C: 17763 - All Platforms)*

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.

### **The code identifying the DBD type of description was missing in the -G extracted by DBDDS\*DOC.**

*(C: 18167 - All Platforms)*

The code identifying the DBD type of description was missing on the update lines obtained from tables extracting -G associated with descriptions of entities.  
Corrected.

### **UPDP : pb on LOCK Table (UEO...).**

*(C: 18419 - All Platforms)*

From now on, technical locks cannot be created or modified via the UPDT procedure.  
However, they can be deleted (deletion transactions of technical locks put on User Entity Occurrences are now operational).  
(The transactions concerned are those of the LOCK table).

**Formatting of transactions from the -G with PIA : comment lines of the Parameterized Input Aid are ignored.**

**(C: 18499 - All Platforms)**

Now, the comment lines of the called Parameterized Input Aid (PIA) are ignored by PAF900. (...DOC table)

## **Batch Procedures**

**Evolution of PACX.**

**(C: 16661 - All Platforms)**

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.

**Problem with the creation of identification line in EXLI extractor PACX, with CPSN format.**

**(C: 17403 - All Platforms)**

PACX with CPSN format: characters 69 to 71 (target library) and characters 76 to 80 (target session) of input '\*' card, are not taken into account anymore.

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

**(C: 17550 - All Platforms)**

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.

**CPSN: a parent Data Element in the slave network could not become a child Data Element.**

**(C: 17601 - All Platforms)**

This has been corrected.

**PACX: the session number of \* card contained in characters 76 to 79 is not checked.**

**(C: 17648 - All Platforms)**

PACX: 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 - All Platforms)**

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 re to be handled like in UPDT.**

**(C: 17700 - All Platforms)**

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 - All Platforms)**

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 - All Platforms)**

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 are not properly generated if the definition exists in several lib.**

**(C: 17736 - All Platforms)**

PACX/EXTR+ for UPDP: passwords were not properly managed if the definition existed in several libraries.

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 - All Platforms)**

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.

**PACX/EXTR for CPSN: addition of a check on extraction libraries + no modif. of lib. Record.**

**(C: 17822 - All Platforms)**

- 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 - All Platforms)**

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 - All Platforms)**

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/RMEN/UPDT: problem concerning keywords.**

**(C: 17877 - All Platforms)**

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/EXLI - PAC7EP Report: the printed record counter corresponded to the counter for CPSN.**

**(C: 18007 - All Platforms)**

PACX/EXLI - PAC7EP Report: the record counter corresponded to the counter of records printed for CPSN and not to the library data counter.

Corrected.

**PACX : records counter has now a 9-character format.**

**(C: 18094 - All Platforms)**

PACX : The extracted records counter had a 5-character format. Now it has a 9 character-format.

**PACX/EXTR : Do not extract Segments of a Data Structure if DS used in -W or -CD and selection of Seg.**

**(C: 18095 - All Platforms)**

PACX/EXTR :

When a Segment was used in the -CDs or -Ws of a program or a screen, the Data Structure was also extracted. Now, only the Segments are extracted.

On -W lines of F type where the Segment was renamed (nn=mm), EXTR tried to extract XX=n or XXn\_Segments (where XX is the Data Structure). Corrected.

**PACX/EXPJ, creation of Y3 or Y4 lines : error 9006E in UPDT (record already existing).**

**(C: 18399 - All Platforms)**

The second 'Create' UPDT transaction proceeding from a PACX or EXPJ output related to a UEO Definition involving more than one Y3 line, or to a UEO Description involving two Y4 lines, was erroneously rejected with the 9006E error.

This is now corrected.

**PACX for UPDP with UEO containing more than one call of PIA in -G : calls of the first PIA are lost.**

**(C: 18623 - All Platforms)**

PACX for UPDP with update transactions of User Entity Occurrence documentation (\$ttDOC tables) : Transactions were incomplete if there was more than one call of Parameterized Input Aid.

## **Rename and move utility**

### **Various corrections on RMEN.**

**(C: 16538 - All Platforms)**

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 occurrences of the characters string corresponding to the old code, even if these occurrences 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 : Replace (RP) entities. The URE selection did not work.**

**(C: 17627 - All Platforms)**

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 - All Platforms)**

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 - All Platforms)**

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 of UEO and entities called by this UEO (in the same flow) : transactions were not sorted correctly.**

**(C: 17733 - All Platforms)**

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: erroneous sort of PAC7WD file.**

**(C: 17744 - All Platforms)**

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.

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

This is now corrected.

**PACX/RMEN/UPDT: problem concerning keywords.**  
**(C: 17877 - All Platforms)**

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 - All Platforms)**

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 worked. It is corrected now.

## ***NEW FUNCTIONALITIES***

### **Batch System Development**

#### **Date conversion operators in Reports.**

*(C: 18635 - All Platforms)*

Three new operations '0', '1', and '2' are now available.

They perform a date conversion using the F9520 sub-function, identical to that used by operators AD0, AD1, and AD2, respectively.

Date formats must be entered on a continuation line with a 'U' operation type and both formats are left-justified in the SOURCE field, using two characters.

### **Client/Server system development**

#### **Business Component for Tandem Pathway New call type : PATHSEND.**

*(C: 18435 - All Platforms)*

Business Component for Tandem Pathway:

When the CALLTYPE option value is set to PATHSEND, calls are performed by the SERVERCLASS\_SEND\_ Tandem Pathway routines.

#### **Tuxedo and Unisys-A : X\_OCTET is a valid type of Buffer of Communication.**

*(C: 18521 - All Platforms)*

#### **Folder Monitor : checks on the length of PCV numeric data.**

*(C: 18587 - All Platforms)*

Folder Monitor : checks on the length of PCV data are modified when they are numeric.

### **Pacbase Web Connection**

#### **PACWEB Online help generation : GEO command, using the C4 option.**

*(C: 18439 - All Platforms)*

PACWEB Online help generation : GEO command, using the C4 option (xxHELP screen).

**PACWEB: server error processing.**

*(C: 18549 - All Platforms)*

In case of server error, the F81ER function is executed and provokes an ABEND without the WEB server knowing.

This is true for error types:

- application logic,
- physical access,
- host system resources problem,
- communication problem with the WEB server.

The implemented solution sends an error message to the WEB server.

When the error type involves a communication problem with the WEB server, specific solutions will be brought according to the different environments.

**PACWEB Tandem Pathway.**

*(C: 18569 - All Platforms)*

Web Dialog, the Tandem Pathway variant taken into account.



# CORRECTED BUGS

## Batch System Development

### **Optional parameter in the SELECT clause on input/output Data Structures.**

*(C: 18539 - All Platforms)*

Optional parameter on Input/Output Data Structures Generation of the 'Optional' parameter in the SELECT clause of a direct output Data Structure (USAGE OF D.S. = 'D') and result Data Structure (USAGE OF D.S. = 'R') as well as tests of the corresponding status in the declarative section.

This generation is possible only if the library is in Cobol II.

### **Generation of the clause BLOCK CONTAINS 0 RECORDS for all input and output files.**

*(C: 18626 - All Platforms)*

## Client/Server system development

### **Business Component : insertion after SQL function (SQ P).**

*(C: 18408 - All Platforms)*

Business Component : insertion after SQL function (SQ P) and not before the DECLARE CURSOR.

Corrected.

### **Folder Manager: call of Error Server, length of communication area erroneous.**

*(C: 18429 - All Platforms)*

Folder Manager: the area of communication with the Error Server does not include the Server Buffer when the LGCOMM option is not specified.

Corrected.

### **Monitor - Folder: WF00 work file. SQL DB2 table and length > 255 (LONG VARCHAR).**

*(C: 18464 - All Platforms)*

Monitor - Folder: When the WF00 work file is an SQL DB2 table and if its detail part length is greater than 255, this field is declared as LONG VARCHAR.

When an access is performed, this field retrieved the 'segment' group field and therefore did not contain the LONG VARCHAR field composition.

This is now corrected.

### **Server : NON STOP SQL access - segment used in reading, sending of an extra FOR BROWSE ACCESS.**

*(C: 18486 - All Platforms)*

Server : NON STOP SQL access- if a segment is used in reading in the Update Service instead of the Selection Service, the FOR BROWSE ACCESS clause is sent twice.

Corrected.

**SQL access: generated cobol is truncated when the date extended format exceeds 10 characters.**

**(C: 18489 - All Platforms)**

SQL access: generated cobol is truncated when the date extended format exceeds 10 characters.  
Corrected.

```
*****  
* This modification triggered the split of lines generated *  
* in a number of physical access clauses. This might      *  
* explain the differences detected between the various    *  
* versions of the generated cobol.                        *  
*****
```

**Update of NON STOP SQL database : Primary Keys must not be listed in the SET clause.**

**(C: 18492 - All Platforms)**

Update of NON STOP SQL database : columns corresponding to primary keys must not be listed in the SET clause; i.e. Data Elements defined as update keys in the -CS are not taking into account in the SET clause any more.  
Corrected.

**Description of the Logical View is incomplete when it contains calls of Segments.**

**(C: 18524 - All Platforms)**

Business Component : the description of the Logical View is incomplete when it contains calls of Segments and when the CHECKSER option has been activated.

**TUI Client : reinitialization of the Communication area fields.**

**(C: 18581 - All Platforms)**

Client TUI : A second call of a server caused problems since the fields of the Communication area (modified by the Server) were not reinitialized.  
Corrected.

**Folder Monitor, VA Cobol and MQSERIES : declaration of the COMMAND-LINE variable.**

**(C: 18598 - All Platforms)**

Folder Monitor with VA Cobol variant and with MQSERIES communication : the COMMAND-LINE variable is not recognized by the compiler; addition of its declaration in the SPECIAL-NAMES.  
Corrected.

**Proxy : warning at generation if the Monitor is not declared - number of logical View occurrence equals 0.**

**(C: 18618 - All Platforms)**

Proxy generation : addition of two messages in the generation report.  
- LOCATION option referring to a Monitor that is not declared in the generation library: a message is sent but not the Environment line. The length of the communication area being equal to zero, the Visual generation is abended.  
- The number of occurrences of the Logical View must be greater than zero.

**Generation commands with continuation lines not filled in (following \*) --> incomplete generation.**

**(C: 18646 - All Platforms)**

Generation commands with continuation lines (following \*) not filled in --> incomplete generation of the component.  
Corrected

**Business Component and Sybase : incomplete generation of DEALLOCATE CURSOR.**

*(C: 18650 - All Platforms)*

Business Component using a Sybase : incomplete generation of DEALLOCATE CURSOR.  
Corrected.

## **On-Line System Development**

**NON STOP SQL access: the clause 'WHERE' of update-access mode is not correctly sorted.**

*(C: 18536 - All Platforms)*

Corrected.

**IMS Monitor with NOTRAC Option: lines wrongly generated in F2899.**

*(C: 18658 - All Platforms)*

Corrected.

## **Pacbase Access Facility**

**When a dialogue is defined in several libraries, the screens extracted by ECRDEF with I, Lib=\*\*\* are erroneous.**

*(C: 17547 - All Platforms)*

When a dialogue is defined in several libraries, the screens extracted by ECRDEF, with the sub-network option = 'I' and the library = '\*\*\*', contain a number of erroneous data.

**UPDP : pb on LOCK Table (UEO...).**

*(C: 18419 - All Platforms)*

From now on, technical locks cannot be created or modified via the UPDT procedure.  
However, they can be deleted (deletion transactions of technical locks put on User Entity Occurrences are now operational.  
(The transactions concerned are those of the LOCK table).

**Formatting of transactions from the -G with PIA : comment lines of the Parameterized Input Aid are ignored.**

*(C: 18499 - All Platforms)*

Now, the comment lines of the called Parameterized Input Aid (PIA) are ignored by PAF900.  
(...DOC table)

## **Batch Procedures**

**UPDT following EXPJ on the -d of a report: the created data is different from that created on-line.**

*(C: 18519 - All Platforms)*

UPDT following EXPJ on the -d of a report: the creations of -d lines differ from those created on line.  
.D on -D of a report detects differences. These differences are not visible on screen since they bear on VisualAge Pacbase internal data.  
Corrected.

**UPDT following EXPJ on the -CE of a Segment : the created data is different from that created on-line.**

**(C: 18586 - All Platforms)**

UPDT following EXPJ on the -CE of a Segment: data created in the -CE is different from that created on-line.

Thus, a .D on the -CE of a Segment detects differences.

These differences are not visible on screen since they bear on VisualAge Pacbase internal data.

Corrected.

**PACX for UPDP with UEO containing more than one call of PIA in -G : calls of the first PIA are lost.**

**(C: 18623 - All Platforms)**

PACX for UPDP with update transactions of User Entity Occurrence documentation (\$ttDOC tables) : Transactions were incomplete if there was more than one call of Parameterized Input Aid.

**Year 2000 : problem.**

**(C: 18663 - All Platforms)**

Following an error in the batch generator, our programs did not function correctly any more for the year 2000.

Corrected.

# Pacbench Client/Server - V07

## ***NEW FUNCTIONALITIES***

### **JAVA**

#### **Use of the Java Gateway as a Windows/NT service.**

*(C: 18462 - All Platforms)*

#### **Management of numerical data fields which size is bigger than 9.**

*(C: 18808 - All Platforms)*

The generated Java type for such data fields is "long" and no more "int".

The re-generation of java proxies which have data fields with such type may introduce errors in existing source code.

#### **New graphical components are delivered for "long" type.**

*(C: 18809 - All Platforms)*

- PacbaseLongField (AWT)
- PacbaseLongChoice (AWT)
- PacbaseJLongField (Swing)
- PacbaseJLongComboBox (Swing)

#### **Use of graphical components with Swing 1.1 (javax.swing).**

*(C: 18811 - All Platforms)*

The file vapswgx.jar contains the different pacbase graphical components using Swing 1.1 with javax.swing package. In order to use properly the pacbase graphical components with Swing 1.1, the file vapswgx.jar must be used instead of vapswing.jar.

### **Proxy functionalities**

#### **PVD : control of input datas length in the fields of data description or 'user data description'.**

*(C: 18199 - All Platforms)*

PVD : control of the length of input datas in the fields of data description or 'user data description'

#### **It is now possible not to sort the instances which have been selected by the Server.**

*(C: 18401 - All Platforms)*

It is now possible not to sort the instances which have been selected by the Server in the Proxy. The instances were sorted according to the node's identifiers or by a sort block.

It is now possible to display, in the rows attribute, the instances selected in the order sent by the Server.

# **CORRECTED BUGS**

## **Installation and procedures**

**Correction of the listener readme.**

**(C: 18812 - All Platforms)**

Replace srv<server pid>.tmp by srv<server pid>.txt

## **JAVA**

**Java: numeric items of logical views with a length greater than 9 are generated with "double" type.**

**(C: 17602 - All Platforms)**

Java : the numeric items of logical views with a length greater than 9 are generated with "double" type

# Pactables 2.0 - BULL/GCOS7/TDS - V12

## ***CORRECTED BUGS***

### **Batch Procedures**

**PRTA: the date of year 2000 is correctly edited (instead of 20\*\* which was wrong).**

**(C: 17076 - All Platforms)**

PRTA: the date of year 2000 of the tables historical is correctly edited instead of 20\*\* which was wrong.

**RxTA: Erroneous retrieval correction of tables with size near to maximum limit.**

**(C: 17105 - All Platforms)**

For tables with size near to the maximum limit, between 950 and 999, the retrieval is erroneous. It retrieves the system record instead. This has been corrected.

**PRTA,TUTA,UPTA : 02/29/2000, invalid date in print request.**

**(C: 18134 - All Platforms)**

Corrected.

**RETA : deletion of a table without historical account, with a date = '\*\*\*\*\*' wrongly rejected.**

**(C: 18385 - All Platforms)**

RETA : the deletion of a table without historical account, with a date = '\*\*\*\*\*' is wrongly rejected with the message 'B001E: erroneous date'. Corrected.

### **Miscellaneous**

**The leap year 2000 now taken into account.**

**(C: 17621 - All Platforms)**

# Pactables 2.5 - V03

## ***CORRECTED BUGS***

### **Batch Procedures**

**PRTA,TUTA,UPTA : 02/29/2000, invalid date in print request.  
(C: 18134 - All Platforms)**

Corrected.

**RETA : deletion of a table without historical account, with a date = '\*\*\*\*\*' wrongly rejected.  
(C: 18385 - All Platforms)**

RETA : the deletion of a table without historical account, with a date = '\*\*\*\*\*' is wrongly rejected with the message 'B001E: erroneous date'. Corrected.

**RETA : SYSOUT assignment in the PTA410 step.  
(C: 18680 - IBM-MVS/IMS)**

RETA : The missing of SYSOUT in the PTA410 Step can provoke unexpected results, this depends on the system level. The SYSOUT assignment has been added.



## **CORRECTED BUGS**

### **Ergonomics**

**Four labels have been corrected on English screens.**

**(C: 18757 - All Platforms)**

The English labels on S-V, S-LV, HC and HS screens were incorrect. They have been corrected.

### **Changes**

**Line Source/Status ('A', 'C' or 'N') not correctly managed: access controls in VA Pac database sometimes not performed.**

**(C: 18560 - All Platforms)**

The 'C' and 'N' types of Line Source/Status being not correctly managed, access controls over occurrence updates in the VA Pac database were sometimes not performed.

### **Batch Procedures**

**DREO: in case of Event/Change/Site deletions --> a number of indexes were nevertheless created.**

**(C: 18186 - All Platforms)**

DREO: in case of Event/Change/Site deletions, DREO created some of their indexes. Corrected.

**DREN: Columns UPD on Backup or on Archive empty or with invalid values: generation file(s) created.**

**(C: 18214 - All Platforms)**

If columns 25 and 26 (updates to be made on Backup or Archive files, respectively) are erroneous or both absent: BB and/or BJ generation files are created empty (resulting in an erroneous file rotation).

**DEXP: the value specified in the type of update on the -M of a change was sometimes erroneous.**

**(C: 18326 - All Platforms)**

DEXP: On -M following the execution of a DEXP, the type of update (column 'M') was sometimes erroneous.  
Corrected.

**Interfering characters ('N' or 'T') sometimes appeared in the Event Follow-Up lines extractions.**

**(C: 18647 - All Platforms)**

Interfering characters ('N' or 'T') sometimes appeared in the Event Follow-Up lines extractions (EVTFLU table).  
This is now corrected.

**The size of the record counters display fields has been increased.**

**(C: 18760 - All Platforms)**

The size of the record counters display fields has been increased (from 7 to 9 characters).

### **Tables management**

**TST table: the request for the deletion of a site status code triggers a loop in the DSMS transaction.**

**(C: 18161 - All Platforms)**

This has been corrected.

### **Miscellaneous**

**AEIV ABEND after an irrelevant branching.**

**(C: 16792 - All Platforms)**

From now on, the PF10 function key will no longer cause this abend when pressed from the PF9-accessed help screen.

Note: this branching is irrelevant; entity access is unavailable since no entity was displayed in this screen, which shows values and their labels only.