VisualAge Pacbase Monthly Letter

January 2000

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New Availabilities

Softwares

REFERENCE	*LABEL*
PB 250 COS V11 X	VisualAge Pacbase 2.5 - IBM MVS, CICS
VP 250 *** V08 X	Pacbench Client/Server 2.5
PT 250 DP8 V03 X	Pactables 2.5 - BULL GCOS8, TP8/DMIV-TP
PT 250 IMS V04 X	Pactables 2.5 - IBM MVS, IMS
ID 250 DP7 V03 X	DSMS 2.5 - BULL GCOS7, TDS
PC 250 WNT V08 X	Pacbase WEB Connection 2.5
BE 250 IMS V02 A	Endevor Interface 2.5 - IBM MVS, IMS
BE 250 IMS V02 F	Interface Endevor 2.5 - IBM MVS, CICS
PK 250 WKC V09 X	WorkStation Components 2.5

Documentations

REFERENCE	*LABEL*
DDPDM000251A	Personalized Documentation Manager 2.5 : Reference Manual
DDPDM000251F	Gestionnaire de Documentation Personalisée 2.5 : Manuel de Référence
DDOVC00025A	Pacbench Client/Server 2.5 : User's Guide - Volume I Concepts - Architectures - Environments
DDOVC000255F	Pacbench Client/Serveur 2.5 : Guide de l'Utilisateur Volume I Concepts - Architectures - Environnements
DDOAU000255A	Pacbench Client/Server 2.5 : User's Guide - Volume II Business Logic
DDOAU000255F	Pacbench Client/Serveur 2.5 : Guide de l'Utilisateur - Volume II Services Applicatifs
DDOVA000255A	Pacbench Client/Server 2.5 : User's Guide - Volume III Graphic Clients
DDOVA000255F	Pacbench Client/Serveur 2.5 : Guide de l'Utilisateur - Volume III Clients Graphiques
DDOA000254A	Pacbench Client/Server 2.5 : Business Logic - TUI Clients Reference Manual
DDOA000254F	Pacbench Client/Serveur 2.5 : Services Applicatifs - Clients TUI Manuel de Référence
DDOVI000255A	Pacbench Client/Server 2.5 : Graphic Clients - Reference Manual Public Interface of Generated Components
DDOVI000256F	Pacbench Client/Serveur 2.5 : Manuel de Référence Clients Graphiques Interface publique des composants générés

NEW FUNCTIONALITIES

Batch System Development

Cob-VSE: ASSIGN formatted as SYSnnn-UT-....-S-SYSnnn BLOCK CONTAINS 0 RECORDS must not be generated.
(C: 19012 - All Platforms)

Cobol II VSE:
- the ASSIGN clause for sequential files ('S' organization) whose external name is SYSxxx will be generated as   SYSxxx-UT-....-S-SYSxxx
- the BLOCK CONTAINS 0 RECORDS clause is not generated if the recording mode is 'N' and if the block size is '0'.

Client/Server system development

Tandem Components : parameterization of the PROCESS Name.
(C: 18722 - All Platforms)

Tandem Components : parameterization of the PROCESS Name in the call of various components (Folder-Server...).
This name must be coded, in the Comment lines of each entity that can be called (O-G), in the following format: PROCESS=xxxxxxxxx.
The Process Name can be declared on 15 characters maximum, no blank character and no lower/upper case conversion.

Client/Server application : DEC/VMS variant taken intpo account.
(C: 18771 - All Platforms)

Client/Server application : DEC/VMS variant is taken into account in all Server Components (Monitor, Elementary Business Components, Error Server and Initialization/termination Server).

Response to a service: a length greater than 99999 is accepted.
(C: 18897 - All Platforms)

Modification of the maximum length of the field that contains the response to a service (a length greater than 99999 is valid).

GVC : windowing of the date in the generation of the folder mode proxies.
(C: 18988 - All Platforms)

The windowing comes from the definition of the GVC generation library.

Adabas Database: better recoginition in the Business Components.
(C: 19147 - All Platforms)
- Possibility to enter the values associated with the Data Elements in the 'A' type Data Element description for the Format-Buffer generation.
- Automatic generation of the Control-Block and the various Buffers used as intermediate areas in the physical accesses.

Recognition of the Presence indicator for the transfers at the return of a Server call.
(C: 19174 - All Platforms)
The Data Elements of the second-level Logical View will not be different from 'P', addition of the presence indicator transfer into that of the first-level Logical View.

SYBASE SQL: OPEN CURSOR: new Host Variable ROW_COUNT initialized at the begining of the Logical View.
(C: 19311 - All Platforms)
Business Component and TUI Client which use a SYBASE SQL Database:
Addition of the ROW_COUNT clause in all OPEN CURSOR, declaration of a corresponding Host Variable initialized at the beginning of the program by the repetitions number of the Logical View for the Business Component and by the repetitions number of the screen (IRR+1).

On-Line System Development

Adabas Database: better recoginition in the Business Components.
(C: 19147 - All Platforms)
- Possibility to enter the values associated with the Data Elements in the 'A' type Data Element description for the Format-Buffer generation.
- Automatic generation of the Control-Block and the various Buffers used as intermediate areas in the physical accesses.

Pacbase Web Connection

PACWEB: help function.
(C: 18482 - All Platforms)
The HELP function of mainframe is recognized for the WEB.

PACWEB: processing of communication errors.
(C: 18648 - All Platforms)
Whatever the error type, the communication monitor warns the Web server by sending a message to it.
If the slightest problem occurs when sending the error message, the system will take the following options:
- cause an abend in CICS, GCOS7 and GCOS8
- execute a Display in IMS before exiting the program
- exiting the program for Tandem and Microfocus

CORRECTED BUGS

Compatibility

Server Component : the presence vector is reset to 'N' after the check on the corresponding field.
(C: 18909 - All Platforms)

Batch System Development

Sybase generation: the TEXT format is now taken into account in fields containing more than 255 caracters.
(C: 18631 - All Platforms)

Sybase generation: the TEXT format is now taken into account (CS-TEXT use) in columns containing more than 255 caracters.

```
**************************************************************
*              Ascending Compatibility                      *
* In a table belonging to a SYBASE SQL block, Data Elements *
* Display X(n) where n is greater than 255 are not rejected *
* any more. For the DDL, the corresponding SQL format is    *
* TEXT and for the Cobol, they  trigger the generation of   *
* the CS-TEXT use                                           *
**************************************************************
```

Description of Segments containing an 'occurs depending on'.
(C: 19145 - All Platforms)

Description of Segments containing an 'OCCURS DEPENDING ON' in the Data Element calls from the -CE. This clause must not be generated if the Segment is redefined from another Segment.
Corrected.

Multiple generation of programs: if a program contains an ADT with 'W' on the library definition.
(C: 19151 - All Platforms)

Multiple generation of programs: if a program contains an ADT operator and if in the library definition, the field 'CENTURY SYSTEM DATE' is 'W', the generation of the next programs was incorrect.
Corrected.

COB/Generator

Reverse generation of CICS MAP : fields not sorted depending on their position if ATTRB parameter rewritten.
(C: 19477 - All Platforms)

Reverse generation of CICS MAP : the fields for which the ATTRB parameter was rewritten on a continuation line have misplaced definition lines.
This is now corrected.

Client/Server system development

Sybase generation: the TEXT format is now taken into account in fields containing more than 255 caracters.
(C: 18631 - All Platforms)

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* the CS-TEXT use                                           *
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```

Generation of Date and Time processing functions (F8120 et F8155) if corresponding operators.
(C: 18666 - All Platforms)

Generation of Date and Time processing functions in the Communications Monitor (F8120 et F8155) : these functions are generated only if the user had used the corresponding operators in the specific code lines (-P).

Folder: user service wrongly missing.
(C: 18732 - All Platforms)

Folder: user service wrongly missing when these services are defined in different functions (problem of duplicates).
This is now corrected.

Generation of a Server with the LOCATION option: -CS lines are doubled in description.
(C: 18752 - All Platforms)

Generation of a Serveur with the LOCATION option: -CS lines are sent twice in the VA Pac report, and this causes an error in the PQC.
This is now corrected.

Insertion of specific code in CHKD-CATR.
(C: 18759 - All Platforms)

Insertion of specific code in check function :
When inserting specific code lines in 20*B CHKD CATR of a Logical View, the lines are inserted behind the Data Elements which bear a code inferior to the code of the user sub-function.
This is now corrected.

Call of secondary level Server: transfer in update of group field not preceded by its label.
(C: 18856 - All Platforms)

Call of secondary level Server: the transfer in update of the group field is systematically generated even if there are no other transfers. In this case, the category label (TRDT-CATR) was not generated and this transfer was then inserted in another sub-function.
This is now corrected.

Tandem Business Component and NON STOP SQL access
No punctuation on a number of SET order lines.
(C: 18870 - All Platforms)

This is now corrected.

Server Component : the presence vector is reset to 'N' after the check on the corresponding field.
(C: 18909 - All Platforms)

Business Component: Server call, if Tuxedo error, loading of the TECH-IERRx area before return.
(C: 18940 - All Platforms)

Business Component: second level server call, if there was a Tuxedo error, the Linkage areas were not loaded before the return to the client, which caused a crash.
Corrected.

Messages exceeding 32 K. Initialization of absent fields.
(C: 19069 - All Platforms)

- Taking into account of messages exceeding 32 K.
- Management of null values for user services.
- No initialization of the numeric fields of CONT-BUFFER if the Data Element is absent.

Application buffer: if several segments are selected, the segment with the smallest code is redefined.
(C: 19085 - All Platforms)

Application buffer: if several segments have been selected apart from the segment which has the smallest VA Pac code, in the generated cobol description, the redefiniiton wrongly references this segment which is not described.
This has been corrected.

Initialization server: same buffer in the main Folder and the reference node Folder, its description is duplicated.
(C: 19086 - All Platforms)

Initialization server: if the user buffer is the same in the main Folder and in the Folder associated with a reference node, the description of this buffer is wrongly generated twice in the initialization server.
This is now corrected.

Inserting of *B-type processing in the function SLCT ffnn CATT: problem of positioning.
(C: 19158 - All Platforms)

Inserting of *B-type processing in the function SLCT ffnn CATT: the user function is not correctly inserted.
Corrected.

Sybase database: Declare Curseur for an extraction Method, Convert for the dates is not generated.
(C: 19188 - All Platforms)

Sybase database: Declare Curseur for an extraction Method, 'Convert' is not generated anymore for the Date data elements.
This is now corrected.

Tuxedo initialization server: loss of the server status.
(C: 19262 - All Platforms)

Tuxedo initialization server: loss of the server status when the USERLOG was called.
This is now corrected.

Folder: length of the communication area between the Monitor and the Folder must not depend on LGCOMM.
(C: 19330 - All Platforms)

Folder: the length of the communication area between the Monitor and the Folder must not depend on the LGCOMM option.
Corrected.

Tandem Component: addition of WORKING-STORAGE before EXTENDED-STORAGE SECTION.
(C: 19334 - All Platforms)

Tandem Component: addition of WORKING-STORAGE SECTION before EXTENDED-STORAGE SECTION instead of EXTENDED-STORAGE SECTION only.
Finally, is systematically generated:
- WORKING-STORAGE SECTION for OLSD
- EXTENDED-STORAGE SECTION for PACBENCH C/S

Informix SQL Database: WHENEVER NOT FOUND does not allow a branching.
(C: 19388 - All Platforms)

Informix SQL Database: in the WHENEVER statement, the processing to be executed if data is not found (NOT FOUND) cannot be a branching because this statement is executed in performed functions SQLPROC1 SQLPROC2.
To overcome this problem, in the case of NOT FOUND call of F81KO function and at the end of each SQL statement which can end with a NOT FOUND, test of SQLCODE and branching to the end of F80 function.

Business Component: CALL-type call of a Tuxedo server.
TPOK is tested wrongly upon the return of the call.
(C: 19391 - All Platforms)

Business Component: CALL-type call of a Tuxedo server.
TPOK was tested wrongly upon the return of the call, whereas this variable was not initialized in this call type.
This has been corrected.

Single-View Folder : erroneous length of DESCR field if the View has been renamed.
(C: 19499 - All Platforms)

Single-View Folder : erroneous length of DESCR field if the View has been renamed in the Server.
This is now corrected.

Call of second-level Server and transfer of selection keys on the call return.
(C: 19500 - All Platforms)

Call of second-level Server : the transfer of selection keys on the return of the Server call did not use the right Data Element codes.
This is now corrected.

Communication monitor with Oracle database, a dot is missing after the Connect on F01BB.
(C: 19545 - All Platforms)

Communication monitor with a local Oracle database: a dot is missing after the END-EXEC in the CONNECT command.
It has been corrected.

On-Line System Development

Sybase generation: the TEXT format is now taken into account in fields containing more than 255 caracters.
(C: 18631 - All Platforms)

Sybase generation: the TEXT format is now taken into account (CS-TEXT use) in columns containing more than 255 caracters.

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* TEXT and for the Cobol, they  trigger the generation of   *
* the CS-TEXT use                                           *
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```


Unisys 2200 Dialogue - Logical variant (UC): declaration of all fields INPUT-SCREEN
(C: 18970 - All Platforms)

Unisys 2200 Dialogue - Logical variant (UC): fields that can only be displayed ('F' defined) are not declared in the INPUT-SCREEN-FIELD area.
- From now on, the INPUT-SCREEN-FIELD area will contain all Fields (transmitted or not) and their supply with the F8165 function will be ensured like the fields received by the program. The call of this sub-function (F8165) will be ensured after reception of the message (F0510).
- At the end of the conversation (F4030), addition of the call of program for the formatting of the message.
- Move of the K-S....-YMAT zone declared in LINKAGE, moved after the K-S....-YPCUR zone.

GEO C4 of a HELP screen for PAW causes an Illegal Decimal Data in DPS7.
(C: 19067 - All Platforms)

This problem occurred when generating the -CE lines with an R or Z nature (beginning and end of repetition) of the xxHELP screen.
This is now corrected.

Generation with Informix: function F0106 was not properly coded.
(C: 19285 - All Platforms)

Generation with Informix: in function F0106, the test on SCR-ER was not properly coded. A space was missing.
This has been corrected.

PAWGEN untimely stops the screen generation if a HELP screen is requested (GEO C4).
(C: 19288 - All Platforms)

When extracting the source of the XXHELP help screens for revamping, VisualAge Pacbase generator outputs non editable characters on the second line of this screen.
However PAWGEN interprets these characters as an end of file and untimely stops local generation.
Therefore the revamping of next screens is not generated.
A sample file output by the generation procedure is added in an appendix, where the characters mentioned hereabove are underlined.

OLSD with Tandem - Non Stop SQL : WHERE and ORDER BY clauses of DECLARE CURSOR were not correctly managed.
(C: 19293 - All Platforms)

This has been corrected.

Tandem Component: addition of WORKING-STORAGE before EXTENDED-STORAGE SECTION.
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Pacbase Access Facility

Problem with PAF program when the PBBTST sub-program is called.
(C: 19025 - All Platforms)

The PAF TP extractor, named PBBTST, behaves differently according to whether it is used in trace mode or not.
For example, without the trace mode, PBBTST did not extract the requested screen at all. In trace mode, it extracted the screen but only partially.
This is now corrected.

PAF900 made it impossible to perform a multiple deletion on User Entity Occurrences.
(C: 19099 - All Platforms)

It was impossible to delete User Entity Occurrences with a B action code in UPDP.
This is now corrected.

Problem with queries on SCRDEF if the Screen is defined higher lib. and partially modified in the extraction lib.
(C: 19101 - All Platforms)

When a Screen and its Dialog were defined in a higher lib. and were partially modified in the query library, the data which had not been modified was not extracted with the SCRDEF table (this data was equal to zero or blank).
This has been corrected.

XPAF: The three-level choices did no longer point to the appropriate PAF tables.
(C: 19167 - All Platforms)

XPAF: The three-level choices did no longer point to the appropriate PAF tables
        (example: E_____XP * P points to RUBXPGMWSS instead of RUBXPGMSPE).
Corrected.

Procedure and transaction PARM

PARM: the PARM restoration did create users UMV1T0051 + UMV1T0061
(C: 19172 - All Platforms)

Corrected.

Personalized Documentation Manager

PDM: ABEND 0C7 in PACN30 if the organization mode is '0' and if L1L2 is identical for T1 and following T2
(C: 17826 - All Platforms)

PDM: The PCV command of the GPRT procedure abends if the organization mode was '0' and if L1L2 was identical on T1 and the following T2.
This has been corrected.

PDM: the $3 parameter was not correctly supplied in the table of contents if there was no page skip.
(C: 18688 - All Platforms)

This now corrected.

PDM on the VA Pac Workstation: the type is wrongly located in column 5 of the Data Element description.
(C: 19072 - All Platforms)

PDM on the VA Pac Workstation: the type was wrongly located in column 5 of the Data Element description whereas it should be located in column 4.
This has been corrected.

PDM micro : the description header of the UEO was not printed even if it was empty.
(C: 19093 - All Platforms)

PDM micro : the description header of the UEO was not printed even if it was empty. Moreover, the line skip on the first line of the description was wrongly generated.
This is now corrected.

CH:V-D : the cross reference master outline - document is not created if the master outline is not 6 characters.
(C: 19251 - All Platforms)

CH:V-D : the cross reference master outline – document was not created if the master outline was not 6 chararacters or was not parted from the coma with at least one blank.
This is now corrected.

PDM on VA Pac WorkStation: the width of -CEnnnG changes from 56 to 60 characters.
(C: 19470 - All Platforms)

Production Environment Interface

GPRT/PEI: date of the day is taken into account instead of the date of VAPac database for the date gener.
(C: 19252 - All Platforms)

GPRT/PEI : the PEI generation date was the date of the VAPac database and not the date of the day as it should have been.
This is now corrected.

Batch Procedures

UPDT and 'B' action code: UEO cross-reference was not deleted in some cases.
(C: 18535 - All Platforms)

A UPDT with a 'B' action code generates the deletion of the entity description but also the deletion of this entity's uses.
When the entity was called in a User Entity Occurrence definition, the User Entity Occurrence was deleted whereas it could possibly reference other entities.
Now the 'B' action code no longer generates the deletion of the User Entity Occurrence definitions.

CPSN on UEO with lots of KO data.
(C: 19232 - All Platforms)

CPSN on OEUs with a lot of data: generated transactions were incorrect.
This is now corrected.

RMEN of several texts called in many manuals: the last text is called in all manuals.
(C: 19247 - All Platforms)

RMEN of several texts called in many manuals: the last text was called instead of other texts in the manuals.
This is now corrected.

PACX/EXTR for CPSN: comparison of entities coming from different libraries.
(C: 19289 - All Platforms)

PACX/EXTR for CPSN:
It was not possible to compare entities coming from different libraries.
This is now possible, except if the extraction was executed with option '+' (generation of identification lines showing the origin of extracted data).

UPDT after CPSN on UEO with many attributes: random dysfunction.
(C: 19457 - All Platforms)

UPDT after CPSN on UEO with many attributes: some UEOs were not correctly updated.
This has been corrected.

VINS : deletion of EUs only during a first installation, not possible with EUs created in a session > 4999Z.
(C: 19520 - All Platforms)

VINS :
Positioning the 27th character of the '*'line to 'F' must enable the deletion of all UEs of a same code in the sub-network libraries.
This deletion was possible only during a first installation.
It did not work for UEs which have been created in a current session higher then 4999.
This is now corrected.

Sub-network Comparison Utility

CPSN on UEO with lots of KO data.
(C: 19232 - All Platforms)

CPSN on OEUs with a lot of data: generated transactions were incorrects.
This is now corrected.

Relational DBD

Sybase generation: the TEXT format is now taken into account in fields containing more than 255 caracters.
(C: 18631 - All Platforms)

Sybase generation: the TEXT format is now taken into account (CS-TEXT use) in columns containing more than 255 caracters.

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C0MMENT Generation (option C4): improper sending of groupData Elements and segment calls.
(C: 18939 - All Platforms)

COMMENT generation in SQL tables (option C4): improper sending of group Data Elements, Segment calls and 'REDEFINED' Data Elements.
Corrected.

Upload / Download

Download pgm/screen: download of entity forbidden if the entity is defined in a higher library.
(C: 19192 - All Platforms)

Download of program or screen: the download of entity is forbidden if the entity is defined in a higher library.

Miscellaneous

CH:.R : check of the increment numericity.
(C: 18049 - All Platforms)

Corrected.

CH:R-L the numericity of the line number must not be checked when a deletion is performed.
(C: 18634 - All Platforms)

This has been corrected.

Transfer of a -CE line with 'label' type: the -SIM does not work anymore.
(C: 18857 - All Platforms)

Transfer of a -CE line with 'label' type screen: if a –SIM was asked consequently, the labels of the transferred lines did not appear anymore.
This is now corrected.

GP screen: impossibility to fill the content of a continuation line in explicit mode.
(C: 18908 - All Platforms)

Corrected.

GP Screen: Multiple deletion on continuation lines ==> message 'ENREG. INEXISTANT' on these lines.
(C: 18934 - All Platforms)

Corrected.

Resolution of a dead lock in the AE file.
(C: 18950 – IBM MVS, CICS)

Additional resources must be released on the VAPac sign-on screen in order that the movements are not locked.

Suppression of the check flag for the OLSD function in the BBLNG2 for all the -XO choices.
(C: 19118 - All Platforms)

The -XO choice to view the screens related to the segment returns the message "Choice not available: contact VA-Pacbase support".
However, some other choices are working fine.
The check flag of the OLSD function must be suppressed for the -XO choices.
Corrected.

NEW FUNCTIONALITIES

Java Client

Setting of the initializeInstance action in the proxies.
(C: 19008 - All Platforms)

The initializeInstance action is available for proxies.

It allows the addition, in the local cache, of non-read instances from the server and instances which have not the 'locally created' status.

Thanks to this action, it is thus possible to send the update of a Logical View instance without reading it before on the server.

Size reduction of the generated code for proxies at each upload of the API in the runtime.
(C: 19009 - All Platforms)

1 - JAVA

Generated proxy classes do not represent all the public methods. Some of these methods are defined in the proxies ancestor classes and they are, therefore, available with a classic inheritance. The size of the generated code is reduced.

Furthermore, proxies can be used at the runtime level: some methods have been published in the runtime, so they are available without knowing the type of the generated Proxy.

2 - Smalltalk

This specification consist in reducing of 60% the size of Smalltalk proxies without modifying their API. It consist mainly in reporting a big part of the generated code in the Smalltalk runtime.

Like for Java, proxies can be used at the runtime level.

But it is the entire API methods that is published in the runtime, the specification beeing performed at the generation.

RadioButton-type swing components in java.
(C: 19577 - All Platforms)

Version 2.5v08 and later versions are provided with radioButton-type swing components which enable to display a list of associated values and labels in the form of radio buttons.

SmallTalk Client

VAST : New format for VAPLOCAT.INI file.
(C: 17796 - All Platforms)

From release 2.5v07 onwards, the structure of the VAPLOCAT.INI file has been modified. It no longer takes into account the locations generated in the GVC.
This new structure is consituted of a list of environments, each of which is identified by a name located between <...> (for ex. <Localhost-Local-Fil>).

A list of parameters can be defined for each environment.
This list is consituted of lines which have the following syntax: PARAMETER=VALUE.
(only one definition per line).

There are two types of parameters per environment.
Those which define the general functionalities of the communication (maximum length of the buffer, monitor in use, etc...) and the parameters specific to each communication type (for ex. the name of the queue manager for MQSERIES or the name of the FML conversion file for TUXEDO)

This second type of parameter is now prefixed by IXO and can be added in a sub-section with no restriction.
The couple (parameter name, value) is sent as is to the DLL of the middleware. So this latter must take this couple into account.

Refer to the documentation for the correspondence between the new parameter names or for any other additional information.

Size reduction of the generated code for proxies at each upload of the API in the runtime.
(C: 19009 - All Platforms)

1 - JAVA
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ancestor classes and they are, therefore, available with a classic inheritance.
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Furthermore, proxies can be used at the runtime level: some methods have been published in the runtime, so they are available without knowing the type of the generated Proxy.
2 - Smalltalk
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Like for Java, proxies can be used at the runtime level.
But it is the entire API methods that is published in the runtime, the specification beeing performed at the generation.

Overhaul of Folder View Proxies Smalltalk generator.
(C: 19437 - All Platforms)

The user interface of the FVP Smalltalk generator has been overhauled in order to ease its use. It now features the following functions:

1- The generated classes are directly integrated in the image or in the library without going through a file-in.
   Moreover this writing is optimized and only stores the delta for each class.
2- The report is stored in a file and displayed in a Workspace once generation is complete.
3- The user can stop generation while it is being executed.
4- It is now possible to choose the application or the sub-application in which each new generated class (by default, the generated classes are grouped by type) will be stored.
5- The management of editions and versions of applications used for generation is taken into account.
   Before the generation, a new edition or a scratch edition can be created. After the generation, a new edition can be created manually or automatically and can be released.
6- The coherence control of the VA Pac database and library at the time of generation becomes optional. If this control is inhibited and if there is an incoherence, a warning is displayed in the proxy generation report.
7- It is now possible to inhibit the generation of the UserContext class when generating a proxy.

Addition of a label available when performing a quick-form on rows attributes (=Rows of <logical view>)
(C: 19626 - All Platforms)

Now it is possible to enter character strings in attributes of other types.
(C: 19702 - All Platforms)

For applications with no quick-forms or attribute types in their mapping, it is necessary to allow a crippled mode of runtime.
With this mode, an attribute other that of String type can be entered as a character string in a window.
Thus, the NUCLIE attribute of Integer type will be entered in the character string form ("50" for example) and not in a digit form (50).

CORRECTED BUGS

Installation and procedures

Selection of the Smalltalk version when installing Pacbench C/S on OS/2.
(C: 18913 - All Platforms)

Selection of the Smalltalk version when installing Pacbench C/S on OS/2.
If the version of the ABT.EXE file cannot be identified, the installation must ask which Version of VisualAge Smalltalk is to be selected.

Metamodel

The User Buffer is read, even if an error is returned by the server.
(C: 19004 - All Platforms)

Before, the reading of the server's response was stopped as soon as an error was found. Since the user buffer is located at the end of the server's response, it was not refreshed when the server returned an error.

Middleware

Modification in SIGCLD signal processing in order to avoid zombie processes on DEC.
(C: 18881 - All Platforms)

BSD API used for SIGCLD signal processing in order to avoid zombie processes at each exchange.

SmallTalk Client

The order of a generated Folder nodes now corresponds to the order indicated in the Folder -CS.
(C: 19440 - All Platforms)

Pactables 2.5 - BULL GCOS8, TP8/DMIV-TP - V03

CORRECTED BUGS

Batch Procedures

RTTA: Correction of update date resulting from retrieval.
(C: 19264 - All Platforms)

RTTA: Correction of the update date value retrieved in the TV file.
The century data will be '20' for the year 2000 update transactions before executing the retrieval procedure.
The update date before executing the retrieval procedure is: 050100,
The update date after executing the retrieval procedure is: 05012000,
the former update date after executing the retrieval procedure was: 05011900.

CORRECTED BUGS

Batch Procedures

RTTA: Correction of update date resulting from retrieval.
(C: 19264 - All Platforms)

RTTA: Correction of the update date value retrieved in the TV file.

The century data will be '20' for the year 2000 update transactions before executing the retrieval procedure.

The update date before executing the retrieval procedure is: 050100,

The update date after executing the retrieval procedure is: 05012000,

the former update date after executing the retrieval procedure was: 05011900.

Miscellaneous

Correction in current date printed in Pactables reports.
(C: 19408 - All Platforms)

The printed date included '19' as century whereas '20' was the century in the machine date.

This is now corrected.

CORRECTED BUGS

Installation and procedures

Taking into account IBM3270 terminals in edit mode.
(C: 19475 – BULL GCOS7, TDS et BULL GCOS8, TP8/DMIV-TP)

It is now possible to connect to Pactables or VA Pac via an IBM3270 terminal in edit mode.
The message in reception is correctly analyzed but, in this mode, the reception of function keys and of the cursor location is not operating.

Batch Procedures

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).

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.

CORRECTED BUGS

Generation

Taking into account all the dynamic modifications of attribute.
(C: 19444 - All Platforms)

NEW FUNCTIONALITIES

<u>ENDEVOR Interface</u>

Recognition of VA Pacbase 2.5 PAF Function instead of 2.0 version in the interface.
(C: 19526 - All Platforms)

Up to the V01 2.5 version, VA Pacbase/Endevor interface used the 2.0 PAF Function in the following batch procedures: CIND, MEND, GPND. From V02 version, the interface uses the 2.5 PAF Function.

The use of this new version requires some modifications:

'GPND' procedure:

a) After the parameter line....

// PAC7GB='????', DSN 'PAC7JB' PROC. GPRT PAC

....add the following parameter:

// PAC7JG='????', DSN 'PAC7JG' PROC. GPRT PAC

b) In the 'PNDV10' Step, add the following DD line:

//PAC7JG DD DSN=&PAC7JG,DISP=(OLD,PASS)

Remark: The CIND and MEND procedures remain unchanged.

CORRECTED BUGS

ENDEVOR Interface

'D' action code instead of 'A' for VA Pacbase update transactions generated in English version.
(C: 19421 - All Platforms)

For an Endevor DELETE action, VA Pacbase update transactions generated by the PNDM10 program, had a 'A' action code instead of 'D' in the English version of the interface. This error has been corrected in the V02 version.
The procedures concerned are the following ones : CIND, JRND, MEND, and RPND.

The RPND procedure (PNRPEU program) was interrupted beyond 10 millions of data.
(C: 19480 - All Platforms)

The error has been corrected in the V02 version.

The ADD action processing is executed properly by Exit3 now.
(C: 19498 - All Platforms)

It has been corrected in the V02 version.