VisualAge Pacbase Monthly Letter

September 2002

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New Availabilities

Softwares

REFERENCE	LABEL
PB 250 WNT V17 E	VISUALAGE PACBASE WINDOWS/NT 2.5 V17
PD 300 ALL V07 E	PACDESIGN/PACBENCH 3.0 V07
IW 300 ALL V07 E	AD WORKBENCH 3.0 V07
PB 300 COS V07 E	VISUALAGE PACBASE OS390, CICS 3.0 V07
VM 300 ALL V07 E	MIDDLEWARE 3.0 V07
PB 300 WNT V07 E	VISUALAGE PACBASE WINDOWS/NT 3.0 V07

Documentation

REFERENCE	LABEL
DDDSQ000301A	Relational/SQL Database Description
DELIX001302A	Installation Guide UNIX Server & Client Components
DELIX002301A	The Administrator's Procedures UNIX Server
DELIX003301A	The Developper's Procedures UNIX Server
DELNT001303A	Installation Guide Windows/NT
DD OA000301A	Business Logic Clients
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DDPAF000301A	Pacbase Access Facility

VISUALAGE PACBASE WINDOWS/NT 2.5 V17

NEW FUNCTIONALITIES

Batch System Development

BINARY usage for MVS OS/390: harmonize generators*(C:022893)*

```
BINARY usage for MVS OS/390: it was necessary to harmonize
generators
Now the 'C' usage produces the BINARY clause generation
as soon as the program or screen variant is
Cobol II ('X' variant).
```

Client/Server system develop.

TDS/GCOS7: TCP/IP Access TDS/GCOS7 architecture taken into account*(C:022483)*

```
TDS/GCOS7: the TCP/IP Access architecture is taken
into account for the Client/Server communication monitor.
```

IMS V6 generation: the size of IO-PCB size is increased.*(C:022826)*

```
IMS V6 generation: the size of the IO-PCB increases
from 52 to 100.
```

Server : On-line, Batch, Parm

R00 debug messages are redirected into a SPY file.*(C:022644)*

```
The debug messages of the R00 server are resent to the SPY
file rather than to he screen.

The activation of the R00.EXE server trace is done as
following:
- In the PROCTP.CMD procedure, modify the line:
SET SERVER_DEBUG=NO by
SET SERVER_DEBUG=YES
- Modify or add, in the PROCTP.CMD procedure before the
R00.EXE start, the following line:
SET TRACE_LEVEL=3

At R00.EXE server start, the TPxxxx.spy trace file (where
xxxx is the server process number) will be created in the
DEBUGDIR directory (DEBUGDIR is assigned in the PROCTP.CMD
procedure).
```

On-Line System Development

WEB GCOS7 : TDS TCP/IP ACCESS TDS Communications Monitor*(C:022502)*

```
WEB GCOS7 : TDS TCP/IP ACCESS TDS Communications Monitor

PARAMETERS SPECIFIC TO WEB GCOS7 TCPTDS:
----------------------------
The parameter 36 (type of communication) must be = TCPTDS
```

```
(Default : XCP2)
The following parameters can be specified in the -G screen
of the dialog:
- Parameter 37: size of the communication buffer
  Default : 14200
```

IMS V6 generation: the size of IO-PCB size is increased.*(C:022826)*

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IMS V6 generation: the size of the IO-PCB increases
from 52 to 100.
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Pacbase Web Connection

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of the dialog:
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  Default : 14200
```

Batch Procedures

2.5 utility to prepare for the 3.0 version.*(C:021878)*

```
- Generation-print command file:
  The list of input to the REAG procedure is proposed.
  The users who do not exist in the AE file are searched
  for.
  The sessions and libraries which do not exist in the
  database are searched for.
```

2.5 utility - DS type*(C:022522)*

```
This program reads Data Structures and
enters a keyword on the Definition screen.
Procedure input:
Types file:
    DS type - Keyword
Identification line indicating the implementation context
(several lines are possible).
```

CORRECTED BUGS

Client/Server system develop.

**Server Component: customized accesses for NON STOP SQL: the SQLCODE is not tested, as it should be.*(C:021818)*

```
Server Component and on-line screens: customized accesses
for NON STOP SQL: the SQLCODE is not tested, as it should
be.
This is now corrected.
```

**Folder: in a multi-proxies request, the user buffer is not correctly retrieved.*(C:021896)*

```
Folder: in a multi-proxies request, the user buffer is
not correctly retrieved.
This is now corrected.
```

**Elementary Component: server call and number of errors equal to 1. K50L is not incremented.*(C:022111)*

```
Elementary Component: call to a secondary-level server and
ACCESERR option set to 1.
The error loading index, K50L, is not incremented as it
should be.
This has been corrected.
```

**Communications Monitor : timestamp assignment in DB2 work file in CICS environment.*(C:022169)*

```
Communications Monitor : timestamp assignment
in DB2 work file in CICS environment.
Generation of a -803 sql error.
This is now corrected.
```

**Server Component: insertion of User function in checks and comments insertions.*(C:022209)*

```
 First sub-function per Data Element.
 Corrected.
Data Elements of the Logical View: if the 'Insertion of
comments' option is taken, end-of-function tags are
generated while they should not.
Titles of sub-functions will be sent only for
the first sub-function per Data Element.
This is now corrected.
```

**Communications Monitor: erroneous calculation of the execution time.*(C:022240)*

```
Communications Monitor: The erroneous calculation of the
execution time triggers an error (labelled "Arithmetic
fault") at execution.
This is now corrected.
```

**SQL Segment with continuation lines in -CE: erroneous punctuation after selecting a sub-schema*(C:022564)*

```
SQL Segment with continuation lines:
for a Segment called via a sub-schema selection,
the punctuation in access functions (F80) can be erroneous
if there is no Data Element after the blank line.
This has been corrected.
```

**POINTER Usage for Microfocus: for 'Y' usage defined in a Data Element (C1531)*(C:022769)*

```
POINTER Usage for Cobol II and Microfocus:
when the 'Y' usage was defined in a Data Element,
the POINTER usage was taken into account
only in the Batch generator.
Now POINTER Usage for Cobol II and Microfocus is taken into
account in all generators.
```

Server : On-line, Batch, Parm

MessageBox "WriteFile 4 : Error -6-" from R00.EXE has been corrected.*(C:022643)*

```
MessageBox "WriteFile 4 : Error -6-" from R00.EXE
has been corrected.
```

R00.EXE problems of memory violation, impossible to create Threads, have been corrected*(C:022645)*

```
R00 problems with multiprocessor systems have been
corrected: memory violation, impossible creation of Threads
This problem has been detected in a Windows NT multi-
processor machine: regular increase of 'Threads' and
'Handles' used by the R00.EXE server right from its start.
```

Memory violation at R00 server shutdown has been corrected.*(C:022936)*

```
Memory violation at R00 server shutdown has been
corrected.
This problem has been detected on some Windows NT
multiprocessor machines.
```

On-Line System Development

Server Component: customized accesses for NON STOP SQL: the SQLCODE is not tested, as it should be.*(C:021818)*

```
Server Component and on-line screens: customized accesses
for NON STOP SQL: the SQLCODE is not tested, as it should
be.
This is now corrected.
```

Tandem : problem on error processing in F81ER*(C:021984)*

```
A "go to F2930-o" was missing before the F81ER-FN tag.
This is now corrected.
```

'Operation code' data element whose -D contains a numeric format check (*9): duplicate lines gener.*(C:022210)*

```
On a screen, if the Data Element declared as 'Operation
code' contains, on its first Description line, a numeric
format check (*9), the generated F0520 Function contains
duplicate lines.
This is now corrected.
```

The FILE STATUS field is truncated at the pathsend return in the Pacweb Tandem Communications Monitor*(C:022283)*

```
The FILE STATUS field is truncated at the pathsend
return in the Pacweb Tandem Communications Monitor.
To correctly process the errors specific to the hardware,
```

```
a 'V-INFO' working area and the F81ET function are added
to the PacWeb Tandem Communications Monitor.
In case of error at the pathsend return, the 'V-INFO'
area is positioned as follows:
. V-INFO-PROGE = name of the program being executed
. V-INFO-CODE  = SERVERCLASS_SEND. V-INFO-XFUNCT= SEND
. V-INFO-STATUS= error code
Note:
The STATUS field  has a 9(9) format as in C/S Dialog.
```

POINTER Usage for Microfocus: for 'Y' usage defined in a Data Element (C1531)*(C:022769)*

```
POINTER Usage for Cobol II and Microfocus:
when the 'Y' usage was defined in a Data Element,
the POINTER usage was taken into account
only in the Batch generator.
Now POINTER Usage for Cobol II and Microfocus is taken into
account in all generators.
```

Microfocus Dialog screen: with the LOGMES option, F-type Data Elements are lost.*(C:022798)*

```
Microfocus Dialog screen: when using the LOGMES option,
F-type Data Elements (displayed, protected and received by
the program) are lost after the display of an error map.
The solution consists in transferring these fields to output
fields in F8155 as for variable fields.
This is now corrected.
```

Pacbase Web Connection

Tandem : problem on error processing in F81ER*(C:021984)*

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. V-INFO-STATUS= error code
Note:
The STATUS field  has a 9(9) format as in C/S Dialog.
```

Pacbase Access Facility

PAF: it was impossible to extract the -DR of DBD when selecting a table code + 'I'-type line.*(C:021919)*

```
PAF: it was impossible to extract the -DR of DBD when
selecting a table code + 'I'-type line.
This is now corrected.
```

PAF 2.5 v13-> v15 : -G lines of a UEO with calls of PIAs are not extracted (loop).*(C:023195)*

```
PAF 2.5 v13-> v15 : -G lines of a UEO with calls of
Parameterized Input Aids  are not extracted (loop).
```

Batch Procedures

Input Aid: a utility assigns the Input Aid's type, according to the 3.0 version.*(C:021839)*

```
This utility extracts all the Input Aids' Definitions in
the sessions specified as input.
Each Input Aid is typed with the value found in the
Description.
This value is: G (generation elements), O (generation
option) or C (comment). The C type is assigned for any
value different from O and G.
If, in the same Description, different types have been
specified, a message informs the user that a manual
intervention is required.
A transaction file is created and will be updated via UPDT.
```

UPDT : mistaken creation of cross-references on a a transaction which comes after an erroneous one.*(C:022138)*

```
UPDT : mistaken creation of cross-references on a
a transaction which comes after an erroneous one.
This is now corrected.
```

EXTR: errors on the EXPT/ONLY options with STR, SEG, DLG and SCR*(C:022291)*

```
EXTR - the following errors have been corrected:
 - EXPTDST    : did not extract the SEG entity type
 - EXPTSEG    : did not extract the DST entity type
 - EXPTDLG    : did not extract the SCR  entity type
 - EXPTSCR    : did not extract the DLG entity type
 - ONLYDST    : extracted the SEG only  entity type
 - ONLYSEG    : extracted the DST entity type too
 - ONLYDLG    : extracted the SCR entity type too
 - ONLYSCR    : extracted the DLG entity type too
```

PURGEB00 utility is now available on WINDOWS/NT*(C:022608)*

```
PURGEB00 utility is now available on WINDOWS/NT
(Previously available only for OS/2)
```

The transaction files output by PACX have an 80-character format.*(C:022610)*

```
The transaction files output by PACX have an 80-character
 format.
```

SAVE: the statistical report incorrect if the first index was not a library*(C:022695)*

```
SAVE: the statistical report was not always
correct (number of libraries: zero).
This has been corrected.
```

RMEN(MV/MR) of a Data Element used in a DBB: creates only the first 8 Data Elements of the key.*(C:022908)*

```
RMEN(MV/MR) of a Data Element used in the key of a Database
Block: only the first 8 Data Elements of the key were
created.
This is now corrected.
```

UPDT: error 5806 for -DR in database blocks becomes a warning message*(C:022938)*

```
UPDT: the 5806 dedicated to the -DR in database blocks
(MODIFICATION OF SEGMENT FORBIDDEN)
becomes a warning message for extractors updates.
```

CPSN and modification of line type in Segment Description: 6316 error*(C:023089)*

```
CPSN and modification of line type in Segment Description
(eg -CE line changed into -SE line caused a 6316 error:
CONSULTED LINE UPDATE NOT ALLOWED)
This is now corrected.
```

PACX for UPDP and SEG description: the notion of SQL view (-DBE) or Socrate desc. (-SE) is lost*(C:023090)*

```
PACX for UPDP and segment description: the notion of SQL
view (-DBE) or Socrate description (-SE) was lost.
Corrected.
```

CSES: abend during REST procedure because of entity codes "999999" in the database*(C:023098)*

```
CSES: an abend occurred during the execution of the REST
procedure
when entities with "999999" codes were detected in the
database. The error has been corrected.
```

CSES on a DSMS file: retrieval of -M info did not function properly.*(C:023224)*

```
CSES on a DSMS file: retrieval of -M info did not function
properly.
 - loss of information in -M for frozen sessions.
 - retrieval of current session not performed in -M
   for current sessions.
This is now corrected.
```

Same as c23224 but for 2.5 – CSES on a DSMS file: the retrieval of -M lines didn't function properly*(C:023225)*

```
CSES on DSMS file : the retrieval of -M lines did not
function properly.
 - loss of information in -M for frozen sessions.
 - retrieval of current session not performed in -M
   for current sessions.
This is now corrected.
```

Creation of UEO with keyword: the result of EXPJ followed by UPDT is erroneous*(C:023636)*

```
Creation of user entity occurrence with keyword: the result
of the EXPJ procedure followed by an UPDT was erroneous.
Corrected.
```

Pacbase Update Facility

PUF-TP: connect to a Database under DSMS control sends back the message 'Change number required ..'*(C:023220)*

```
PUF-TP : the connection to a Database under DSMS control
sends back the error '7326' in PUF000 :
'change number required for this environment'.
```

Miscellaneous : Online

GP: modify a continuation line in C2 and you are stuck on the screen with 'update not permitted'*(C:021943)*

```
GP: if you try to modify a continuation line in C2,
you are stuck on the screen with the message 'update not
permitted'.
With the C2 option, the warning 'Update inhibited with
this display type'.
If however you tried to modify a continuation line, you
obtained, after validation, an 'E' error:
'update not permitted' and the screen was blocked.
This has been corrected.
```

SEG and SCR ent. and protection of extracted ent.: SEG and SCR are no longer dependent of DST and DLG*(C:021947)*

```
Segment and Screen entities and protection of extracted
entities:
Creating a Segment was impossible if the Data Structure
existed in a higher-level library. And creating a Screen
was impossible if the Dialogue existed in a higher-level
library.
Now this dependence no longer exists: a Segment can be
created if the Data Structure exists in a higher-level
library and a Screen can be created if the Dialogue exists
in a higher-level library.
```

'.S' choice: erroneous display if the character string to search is in -B lines.*(C:022120)*

```
'.S' choice on a Screen entity: if the character string to
search was in -B lines, the display was erroneous.

This is now corrected.
```

'CH: O-sim' scr. is erroneous if label line starts in col1 and the line which precedes ends in col80.*(C:022130)*

```
'CH: O-sim' screen is erroneous if label line starts
in column 1 and the line which precedes ends in column 80.
This is now corrected.
```

PAC table description: if a sub-program is called, the UPD/TRGET field should not be compulsory*(C:022290)*

```
PAC table description: if a sub-program is called,
the UPD/TRGET field is no longer compulsory.
```

Technical lock transfer on programs and screens description were not operational*(C:022351)*

```
Technical lock transfers on programs and
screens description did not work.
They are operational now.
```

Upload / Download

Screen download and DSMS control: 'update of the entity not authorized by DSMS' error.*(C:022935)*

```
Screen download and DSMS control: the downloading operation
was impossible, a message indicating that the update of the
entity was not authorized by DSMS was displayed.
The error has been corrected.
```

PACDESIGN/PACBENCH 3.0 V07

NEW FUNCTIONALITIES

Connection

Module selection at connection.*(C:023773)*

```
During the Host connection of the WorkStation, the modules
present on the PC are displayed in a list in the connection
box. If the context was memorized, the memorized module
is preselected. Otherwise, the first module in the list
is proposed.
If the usable licenses on the site are inconsistent with
the connection module, the connection is denied.
```

CORRECTED BUGS

Non formatted description

The "Arial Italic" font is replaced by the "Brush Script" font.*(C:023160)*

The "Arial Italic" font used for a while to manage the
"Script" mode is now replaced by the "Brush Script" font,
which is consistent with the ■ character.

Default font size.*(C:023652)*

It can happen that the size of the requested font is not
listed in the FONT.INI file. In such a case, a default
size is set.
The default size is the closest possible to the requested
size.

Sending a text into the clipboard*(C:023653)*

Sending part of a text (or NFD) in the clipboard, by a
Copy/Cut, was limited to some 35,000 characters. Bypassing
this limit led to a clipboard instability. This has been
corrected and the 35,000 characters limit no longer exists.

Display of no word wrap paragraphs*(C:024322)*

The no word wrap paragraphs greater than 254 characters
no longer make display problems in Windows 2000.

Graph

Pipe free link drawing*(C:023791)*

The pipe free links are correctly drawn again.

Text

The "Arial Italic" font is replaced by the "Brush Script" font.*(C:023160)*

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"Script" mode is now replaced by the "Brush Script" font,
which is consistent with the ■ character.

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Display of no word wrap paragraphs *(C:024322)*

```
The no word wrap paragraphs greater than 254 characters
no longer make display problems in Windows 2000.
```

AD WORKBENCH 3.0 V07

NEW FUNCTIONALITIES

Administration

Libraries tab not accessible for users non administrators of the database.*(C:023528)*

```
The libraries tab is no more accessible for users who are
not database administrators.
In the Administration workbench, the libraries tab is now
inaccessible for all users connecting to the administration
database and who are not administrators or administrator
of the connection database.
So non administrator users can consult libraries list on
the panel allowing to change the connection context only.
```

Window definition to display the number of bought and used licenses*(C:023580)*

```
Definition of a window to display the number of bought and
used licenses.
The number of bought and assigned licenses is displayed in
a new window to help administrators to manage at best these
licenses attribution. This window is accessible from the
'users' tab.
The number of used licenses is calculated from the imported
users in the workspace.
```

Publishing

Creation of a 'List of sessions' document (publishing)*(C:023048)*

```
Creation of a 'List of sessions' document (publishing).

A 'list of sessions' document is created and delivered. It
lists sessions sorted by number in descending order.
The access to this document is the same as entities lists.
```

Search Function

Search smartguide: selection of the referencing and referenced entity*(C:023637)*

```
Search smartguide: possibility to select a referencing
entity and a referenced entity.
On the Search smartguide, two buttons allow to select the
referencing entity code and the referenced entity code.
As selection tools are specialized, addition of two new
entity types : data structure table and segment table.
```

Search : eBusiness module entities taken into account in results*(C:023638)*

```
Search : eBusiness module entities taken into account in the
results.
The entities of eBusiness module (logical view, screen,
server, folder, folder view...) appear in the result lists
with their entity icon (data structure and screen) and the
cross-references detail is implemented.
Note: These entities can not be selected with the entity
code selection buttons because they are not implemented in
```

the workbench. Input the code with "Data structure" entity
type for logical views and "screen" for the others.

Report entity taken into account in cross- references search *(C:023641)*

```
Report entity taken into account in cross-references search.
```

Search: the detail of results displays the useful identifiers of the referencing entity *(C:023648)*

```
Search: the detail of results now displays the useful
identifiers of the referencing entity and not the using
counter anymore.
```

Search: possibility to open the referencing entity on the results list and the details table *(C:023683)*

```
Search: possibility to open the referencing entity on the
results list and on the details table.
When a referencing entity is selected in the results list,
the "Open" contextual menu opens the definition of the
entity.
When a result detail is selected, the "Open" contextual menu
opens the tab corresponding to the entity description.
Note:
The opening is made for entities non present in the
concerned module (for example, the meta entities in the
batch or ebusiness workstation). Indeed, entities are
present in each module, and taken into account depending on
the configuration file, which can be parameterized with the
configuration file manager (add/remove of entities
browsers). But it is not possible to know the entities
really present for the searches.
Exceptions :
- the admin entities can be opened in the admin workstation
only.
- the eBusiness entities can be opened in the eBusiness
workstation only.
- the program entities can be opened in the admin or batch
workstations only.
- the external files can be opened in the eBusiness or batch
workstations only.
```

Search: Online help taken into account *(C:023707)*

```
Search: the online help is accessible by the F1 function key
on:
 . search smartguide,
 . requests list,
 . results list,
 . result details list.
```

Miscellaneous

Option taken into account at the libraries level *(C:023107)*

```
An option can be taken into account at libraries level.
It is possible to add a F9520=Y or F9520=N option in
library comments.
```

Duplicated "description" lines of entities defined in several libraries have been deleted *(C:023157)*

```
Duplicated "descriptions lines" of entities that are defined
in several libraries have been deleted.
```

Read an instance retrieves the visible entity in I view from the selection library*(C:023192)*

```
Read an instance retrieves the visible entity in I view
from the selection library.
```

List and called entities definition panel have been grouped*(C:023472)*

```
The list and the called entities definition panel have
been grouped on the same tab.
```

The error messages definition and list have been grouped on the same tab*(C:023474)*

```
The error message definition and list have been grouped on
the same tab.
This concerns data elements and segments.
```

Program information grouped on the definition panel*(C:023535)*

```
Program information are now grouped on the definition panel
of the program.
```

The UE import during the opening of a meta browser is done if there is a user request only*(C:023569)*

```
User entities are imported during the opening of a meta
entity browser if there is a user request only.
```

DTD/Document and Document/Document cross- references taken into account.*(C:023603)*

```
The DTD/Document and Document/Document cross-references are
now taken into account, in the administration database
included.
```

Smartguide of Server X-references Search: the code of referencing entity is added*(C:023627)*

```
Smartguide of Server X-references Search: the code of the
referencing entity has been added.
Depending on the referencing entity type, the code of this
entity can now be entered.
```

Improvement of source lines input*(C:023670)*

```
Improvement of source lines input:
. tab and backtab on the first character of the following or
  previous field.
. automatic tab if field exit with moving arrows or after
  the input of the last character in the field.
```

Change of definition in entity browsers in case of work library changing.*(C:023671)*

```
Change of definition in entity browsers in case of work
library changing.
```

X-references of entities to eBusiness entities structured language taken into account*(C:023715)*

```
The cross-references of entities to structured language of
eBusiness entities are now taken into account.
The referenced entities are:
  . Data element
  . Data structure
  . Table data structure
  . Segment
  . Table segment
  . Database block
The referencing entities are:
  . eBusiness application
```

```
. Elementary component
. Folder
. I/T server
. Communication monitor
```

CHECKSER parameter of elementary component taken into account for presence methods*(C:024063)*

```
The CHECKSER parameter of elementary component is taken into
account for presence methods.
```

Administration

'Active' licenses management.*(C:023767)*

```
'Active' licenses management.

A user is considered as 'active' on a license if he has been
connected at least once in the last three months (notion of
'Activated License').
During a user update, the administrator grants one or
several 'potential' licenses. But, as soon as a user becomes
active (activated license), modifications are subject to
rules:
. If at least one of the Designer, Developer or Passive
  licenses is activated, it will be possible to grant the
  Reader license only when all these licenses will be
  inactivated (connection for more than 3 months),
. If the Reader license is activated, it will be possible
  to grant one of the Designer, Developer or Passive
  licenses only when the Reader license will be inactivated
. An active user (with at least one activated license) can
  not be deleted,
. After 3 months only, from the date of the last connection,
  the license will be inactivated.
```

CORRECTED BUGS

Administration

Admin : coherence of the key validity days number*(C:022212)*

```
Admin : coherence of the days number of the key validity
between the workstation and the server: the number of days
was different.
And, the warning message was different too.
Corrected.
```

Message of access key expiration: incorrect number of days*(C:022363)*

```
Message of access key expiration: incorrect number of days.
Access key: Last days of validity.
The access key will expire in {0} days
Corrected.
```

Admin : paste a line in the command lines invalidates the following line.*(C:023259)*

```
Admin : in the commands lines, paste a line invalidates the
following line.
Corrected.
```

Security browser: 1 new key creation: access key text at the key location*(C:023477)*

```
Security browser: creation of a new key : the access key
text is at the key location.
In the VAJava 3.0 to VAJava 4.0 transfer, panels don't have
been retrieved. And in some cases, some fields can move.
It has been corrected in the 'SecurityAccessKeyPanel' panel.
```

Possibility to select a library in the list, whatever the authorization level*(C:023820)*

```
Possibility to select a library in the list, whatever the
authorization level.
 For a special authorization granting on a library, the OK
button was always inactive when the library was selected.
Corrected.
```

Miscellaneous

The hourglass appears when the mouse cursor goes over buttons or tabs*(C:022841)*

```
JAVA2: the hourglass appeared when the mouse cursor was
moving over buttons or tabs, just after the workstation
starting.
Corrected.
```

Meta-entity creation: Input is lost if there is an error on a field*(C:023509)*

```
When creating a meta-entity, existence checks (code, type)
are not immediate. Input can be validated. If there is an
error, the input is refused and all what has been entered is
lost.
The smartguide should not close.
Corrected.
```

VISUALAGE PACBASE OS390, CICS 3.0 V07

NEW FUNCTIONALITIES

Connection

During the connection to a database, a message immediately appears if the database is incoherent *(C:023128)*

```
During the connection to a database by the workstation, a
message must immediately inform if the database is
incoherent.
```

Batch Procedures

GPRT command: modification in the continuation line entering *(C:022528)*

```
When entering the continuation character, if there is no
modification on the line, an empty continuation line is
created.
```

REOR : new possibilities to purge entities. *(C:023247)*

```
A new command line to purge User Entities is available,
with the following parameters :
.the card code with 'P' value,
.the Entity type ('$' or 'Y')
.the code or call type,
.the Entity code (complete identifier),
.the Description code to purge, nn for nn Description, **
 for all Descriptions, the '00' value being forbidden.
.the selected Library code (*** for all Libraries),
.either 'blank' (default value) / 'Y'= purge in
 sub-Libraries or 'N' = no purge in sub-Libraries.
.the purge session (either a frozen session or **** for all
 sessions, current and frozen) is put in a lower bound
 and/or an upper bound, respecting the chronological order
 between these two bounds, as follows:
LOW.SES.  UPP.SES.  PURGE DOMAIN
 mmmm        nnnn      all sessions between mmmm and nnnn

with the following special cases:
if  nnnn   =   mmmm     the mmmm session only
if  mmmm   =   0001     all sessions up to nnnn
if  nnnn   =   9999     all sessions from mmmm
if  mmmm   =   0001     all sessions
and nnnn   =   9999

In the current purge request lines (E), just after the
Library code parameter, you specify whether sub-Libraries
are to be taken into account or not.

The total purge requests with "P" and "E" codes is limited
to 1000.

Purging a user ("U" card) neutralizes all the operations
carried out by this same user such as unlocking the
 Entities locked by him or her.
Notes:
-----
.Regarding what exists, it is possible to define
 if the purge in the specified Library (different from ***)
 is to be carried out in its sub-Libraries.
```

It allows the deletion of an Entity Definition which has
been downloaded in the sub-network. This deletion is not
possible in a standard on-line or batch update.
This notion concerns purge command lines with 'E' card
(old) and 'P' card (new).
To date, the Entity specified in the request is purged in
the Library and its sub-Libraries, and will remain
purged by default.

.A User Entity can be purged either in one specific frozen
 session only or in all sessions (****), current and frozen
 sessions, or up to a frozen session or between 2 frozen
 sessions, or from one specific frozen session.
 Whether it is lower or upper, the specified session is
 always included in the purge.
 In all cases, this purge only concerns unformatted
 data in a User Entity description.

.The selection of sub-Libraries is not possible. You
 must specify as many purge lines as Libraries in which
 the relevant entity will be deleted and also specify
 whether the purge is to be carried out in sub-Libraries.

.The selection of sub-Libraries is required if the
 *** Library is specified (this also applies to requests
 with the 'E' code).

.Any specified session which is not a frozen session
 kept after the sessions purge, causes the non-processing of
 the request on this session, because the purge has
 already been done.

.The same applies to Libraries specified in such requests,
 when they are deleted in the same purge.

.The current session cannot be purged because it cannot be
 detected among sessions that are read in the REOR
 procedure when the purge is running.

.The deletion of one or several data cannot be done except
 for frozen sessions because the purged Entity Folder could
 lose its consistency. For example, the
 Definition and some Description lines can be deleted
 between two sessions bounds while 'orphan' Description
 lines can be kept beyond the last specified session.
 This is why this kind of purge concerns unformatted data
 only.

.The new purge request (where the session is specified),
 only applies to User Entities Descriptions with unformatted
 data or to all Descriptions including the
 Definition (** Description value).
 If everything is purged, the dependent Descriptions such as
 comments, lock, keywords and Entities calls by relations
 are also purged.

WARNING

The purge of an Entity does not take its consistency into
account i.e. in case of a purge in one Library only (no
sub-Libraries), the user must ensure that, if Descriptions
exist in one of the sub-Libraries, one Definition
at least will still exist after the purge to support
these descriptions.

REOR-ROAD: simplification of purge request with P type for sessions expression*(C:024126)*

REOR-ROAD: simplification of purge request with P type for
    sessions expression.
The new possibilities are:
 col.42 and col.46 of the request line with P type

```
LOW.SES.   HIG.SES.  PURGE DOMAIN
 mmmm       nnnn      all sessions between mmmm and nnnn

with the following special cases:
if  nnnn  =   mmmm    the mmmm session only
if  mmmm  =   0001    all sessions until nnnn
if  nnnn  =   9999    all sessions from mmmm
if  mmmm  =   0001    all sessions
 and nnnn  =   9999
```

Miscellaneous : Online

GP screen: continuation line creation without label modification –> label not carried over*(C:023736)*

```
The label is initialized with '_' characters and the user
can enter a label or enter blanks characters for deletion.
```

Miscellaneous

Only an administrator can modify library options (-GO)*(C:023570)*

```
Only an administrator can modify library options (-GO).
```

The automatic display option is present only if the data element is linked to a relation*(C:023758)*

```
The automatic display option present on extension meta-
entities only can not be used by a relation linked to a
relation.
```

PE25: modification of licenses control*(C:023813)*

```
PE25: modification of licenses control
Until now, in the retrieval procedure, the created users
had a 'Passive' license. But, if the number of 'passive'
licenses was reached, a 'Reader' license was granted.
When the number of 'reader' licenses was reached, the user
was created without license.
NOW, a 'passive' license is granted to each created user and
there is no control anymore.
```

CORRECTED BUGS

Compatibility

The administration database files will be opened one time only.*(C:023376)*

```
PAF: whatever the PAF extractor queries, the administration
database files will be opened one time only. So the
processing time will be better.
The extractors must be re-linked if the LINK=DYNAM option
has not been specified in the program.
```

On-Line System Development

GEO with HPRT option: the procedure shutdown if a screen does not contain any variable area*(C:023789)*

```
GEO with HPRT option: shutdown of the GPRT procedure, with
DPS7, if a screen does not contain any variable area.
Corrected.
```

Pacbase Access Facility

The administration database files will be opened one time only.*(C:023376)*

```
PAF: whatever the PAF extractor queries, the administration
database files will be opened one time only. So the
processing time will be better.
The extractors must be re-linked if the LINK=DYNAM option
has not been specified in the program.
```

PAF TP : Corrections to use PUF-TP calls*(C:023614)*

```
It is possible to use 'CALPUF', 'INSERT' and 'FETCHER'
orders in PAF programs.
```

PAF : a DECLARE CURSOR without WHERE clause on $TTDxx (desc.) table should select all instances.*(C:023679)*

```
PAF : a DECLARE CURSOR without WHERE clause on a $TTDxx
(description) table must select all instances.
```

PAF : an extraction from ETALIB table sends back the line number instead of the label number.*(C:023713)*

```
PAF : an extraction from ETALIB table sent back the line
number instead of the label number.
Corrected.
```

PAF: the extraction of U.E. description tables with comparators does not give any result*(C:023930)*

```
PAF: problem of extraction of user entities descriptions
with comparators.
This is now corrected.
```

Batch Procedures

**EXPU : the password is transferred to the * card as if the option is not specified.*(C:023260)*

```
EXPU : if the output file had several identification lines
(* cards), the password was transferred on some of these
lines whereas the transfer option was not specified.
Corrected.
```

**CSES : the size of the printed counters has been increased (they were limited to 7 characters).*(C:023413)*

```
CSES : the printed counters were limited to 7 characters.
They have now a 9-characters size.
```

**PACS (SAVE): problem with the magnetic tape drive after the second opening of the PY file*(C:023793)*

```
PACS (SAVE): problem with the magnetic tape drive after the
second opening of the PY file.
Corrected.
```

REOR: impossible to purge entities with a E type line if the library was not ****(C:024161)*

```
REOR : it was impossible to purge entities with a E type
    line if the library was not ***.
Corrected.
And it will be possible to specify a specific library.
```

Security Systems Interface

**RSAD-ROAD: If database under RACF and resources not declared in RACF, no access to GU file*(C:023510)*

```
RSAD-ROAD: If the database is under RACF and the resources
are not declared in RACF, there is no more access to GU file
because users and passwords are managed by RACF.
```

Relational DBD

**DDL generation: no ADD PRIMARY KEY neither CREATE INDEX if default values added in a table column*(C:024159)*

```
DB2 SQL block generation: if the user adds default values
in a table column, lines corresponding to the PRIMARY KEY
and INDEX were not taken into account for the generation.
And invalid absence of some initial values.
Corrected.
```

Miscellaneous : Online

**Modification of -Gx, -Cx screens display*(C:022584)*

```
In the different screens of comments, generation complement,
... (-Gx), entities calls by relation (-CR, -CZ)
(-CR, -CZ), the label of the entity will be displayed on the
3rd line.
```

Access to data element help by PF4 on GP screen must be possible.*(C:023108)*

```
The access to data elements help by PF4 must be possible
as on the other screens.
```

Possibility to use relations with 'old' type in the -CR of an entity*(C:023237)*

```
It is now possible to use relations with old type in the -CR
screen of an entity (entity call via a user relation).
This is now corrected.
```

C23558/3.0: SCR and SEG entities & extraction protection: possibility to duplicate in lower lib.*(C:023633)*

```
Extraction protection for segment and screen entities: it is
no more possible to duplicate in lower libraries.
```

The word processing commands don't update the timestamp*(C:023685)*

```
The word processing commands (.R,.C1,.C2,.C3) didn't update
the definition timestamp.
Corrected.
```

Database block: missing labels in the -GN map*(C:023686)*

```
Some labels did not appear in the map corresponding to the
command choice B......GN on SQL type block.
Corrected.
```

GP screen: the input fields on command labels are reinitialized if validation and job submission*(C:023867)*

```
GP screen: the input fields on command labels are
reinitialized if the line is validated and the job
submitted.
```

Database block - DDL generation -GN : missing labels after consultation of generated lines*(C:023946)*

```
Database block - DDL generation -GN : missing labels after
the consultation of generated lines.
(Change 23686 continuation).

At first display, 'SEGMENT' and 'TYPE' labels appear
correctly. But after <Enter> (generated lines display),
these 2 labels disappear.
This has been corrected.

Other problem: if generated lines appear on more than one
page, an AICA abend occurred at the second <Enter>.
This has been corrected.
```

Label corresponding to the conversation save displayed in French*(C:024163)*

```
If the user is associated to the French language code, the
label corresponding to the save of the conversation will be
displayed in French. Else, it will be in English.
```

Miscellaneous

Do not write a 'logoff' transaction in the journal in case of incorrect connection.*(C:022540)*

```
Do not write a 'logoff' transaction in the journal if a
incorrect connection has been tempted (ex: unknown user).
```

The generation language can be updated*(C:023562)*

```
Library definition: it is possible to update the generation
language.
A warning is displayed on TP mode.
```

Segment download in workbench: possible as if Pactables module not installed on the site*(C:023750)*

```
Segment download in the workbench: it will now be possible
as if the Pactables module is not installed on the site.
```

MIDDLEWARE 3.0 V07

NEW FUNCTIONALITIES

Middleware

Middleware for Linux*(C:023875)*

```
The following protocols are now available on Linux:
MQSeries, MQ-CICS Bridge, MQ-IMS Bridge, Socket, Socket
CICS and IMS Connect.
Linux environment:
- Debian GNU/Linux 2.2.19
- glibc 2.2.4-7
```

VISUALAGE PACBASE WINDOWS/NT 3.0 V07

NEW FUNCTIONALITIES

Connection

During the connection to a database, a message immediately appears if the database is incoherent*(C:023128)*

```
During the connection to a database by the workstation, a
message must immediately inform if the database is
incoherent.
```

Batch Procedures

New extraction procedure for generation constants*(C:022221)*

```
New procedure to extract the generation constants: INSL.
```

GPRT command: modification in the continuation line entering*(C:022528)*

```
When entering the continuation character, if there is no
modification on the line, an empty continuation line is
created.
```

REOR : new possibilities to purge entities.*(C:023247)*

```
A new command line to purge User Entities is available,
with the following parameters :
.the card code with 'P' value,
.the Entity type ('$' or 'Y')
.the code or call type,
.the Entity code (complete identifier),
.the Description code to purge, nn for nn Description, **
 for all Descriptions, the '00' value being forbidden.
.the selected Library code (*** for all Libraries),
.either 'blank' (default value) / 'Y'= purge in
 sub-Libraries or 'N' = no purge in sub-Libraries.
.the purge session (either a frozen session or **** for all
 sessions, current and frozen) is put in a lower bound
 and/or an upper bound, respecting the chronological order
 between these two bounds, as follows:
LOW.SES.   UPP.SES.  PURGE DOMAIN
 mmmm        nnnn     all sessions between mmmm and nnnn

with the following special cases:
if  nnnn  =  mmmm     the mmmm session only
if  mmmm  =  0001     all sessions up to nnnn
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In the current purge request lines (E), just after the
Library code parameter, you specify whether sub-Libraries
are to be taken into account or not.

The total purge requests with "P" and "E" codes is limited
to 1000.

Purging a user ("U" card) neutralizes all the operations
carried out by this same user such as unlocking the
 Entities locked by him or her.
```

Notes:

.Regarding what exists, it is possible to define
 if the purge in the specified Library (different from ***)
 is to be carried out in its sub-Libraries.
 It allows the deletion of an Entity Definition which has
 been downloaded in the sub-network. This deletion is not
 possible in a standard on-line or batch update.
 This notion concerns purge command lines with 'E' card
 (old) and 'P' card (new).
 To date, the Entity specified in the request is purged in
 the Library and its sub-Libraries, and will remain
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 session only or in all sessions (****), current and frozen
 sessions, or up to a frozen session or between 2 frozen
 sessions, or from one specific frozen session.
 Whether it is lower or upper, the specified session is
 always included in the purge.
 In all cases, this purge only concerns unformatted
 data in a User Entity description.

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 must specify as many purge lines as Libraries in which
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 whether the purge is to be carried out in sub-Libraries.

.The selection of sub-Libraries is required if the
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.The same applies to Libraries specified in such requests,
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 for frozen sessions because the purged Entity Folder could
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 Definition and some Description lines can be deleted
 between two sessions bounds while 'orphan' Description
 lines can be kept beyond the last specified session.
 This is why this kind of purge concerns unformatted data
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account i.e. in case of a purge in one Library only (no
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at least will still exist after the purge to support
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```
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   sessions expression.
The new possibilities are:
 col.42 and col.46 of the request line with P type
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 mmmm        nnnn     all sessions between mmmm and nnnn

with the following special cases:
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if  mmmm  =  0001     all sessions
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Miscellaneous : Online

GP screen: continuation line creation without label modification –> label not carried over*(C:023736)*

```
The label is initialized with '_' characters and the user
can enter a label or enter blanks characters for deletion.
```

Miscellaneous

Only an administrator can modify library options (-GO)*(C:023570)*

```
Only an administrator can modify library options (-GO).
```

The automatic display option is present only if the data element is linked to a relation*(C:023758)*

```
The automatic display option present on extension meta-
entities only can not be used by a relation linked to a
relation.
```

PE25: modification of licenses control*(C:023813)*

```
PE25: modification of licenses control
Until now, in the retrieval procedure, the created users
had a 'Passive' license. But, if the number of 'passive'
licenses was reached, a 'Reader' license was granted.
When the number of 'reader' licenses was reached, the user
was created without license.
NOW, a 'passive' license is granted to each created user and
there is no control anymore.
```

CORRECTED BUGS

Compatibility

The administration database files will be opened one time only.*(C:023376)*

```
PAF: whatever the PAF extractor queries, the administration
database files will be opened one time only. So the
processing time will be better.
The extractors must be re-linked if the LINK=DYNAM option
has not been specified in the program.
```

On-Line System Development

GEO with HPRT option: the procedure shutdown if a screen does not contain any variable area*(C:023789)*

```
GEO with HPRT option: shutdown of the GPRT procedure, with
DPS7, if a screen does not contain any variable area.
Corrected.
```

Pacbase Access Facility

The administration database files will be opened one time only.*(C:023376)*

```
PAF: whatever the PAF extractor queries, the administration
database files will be opened one time only. So the
processing time will be better.
The extractors must be re-linked if the LINK=DYNAM option
has not been specified in the program.
```

PAF TP : Corrections to use PUF-TP calls*(C:023614)*

```
It is possible to use 'CALPUF', 'INSERT' and 'FETCHER'
orders in PAF programs.
```

PAF : a DECLARE CURSOR without WHERE clause on $TTDxx (desc.) table should select all instances.*(C:023679)*

```
PAF : a DECLARE CURSOR without WHERE clause on a $TTDxx
(description) table must select all instances.
```

PAF : an extraction from ETALIB table sends back the line number instead of the label number.*(C:023713)*

```
PAF : an extraction from ETALIB table sent back the line
number instead of the label number.
Corrected.
```

PAF: the extraction of U.E. description tables with comparators does not give any result*(C:023930)*

```
PAF: problem of extraction of user entities descriptions
with comparators.
This is now corrected.
```

Batch Procedures

EXPU : the password is transferred to the * card as if the option is not specified.*(C:023260)*

```
EXPU : if the output file had several identification lines
(* cards), the password was transferred on some of these
lines whereas the transfer option was not specified.
Corrected.
```

CSES : the size of the printed counters has been increased (they were limited to 7 characters).*(C:023413)*

```
CSES : the printed counters were limited to 7 characters.
They have now a 9-characters size.
```

PACS (SAVE): problem with the magnetic tape drive after the second opening of the PY file*(C:023793)*

```
PACS (SAVE): problem with the magnetic tape drive after the
second opening of the PY file.
Corrected.
```

REOR: impossible to purge entities with a E type line if the library was not ****(C:024161)*

```
REOR : it was impossible to purge entities with a E type
    line if the library was not ***.
Corrected.
And it will be possible to specify a specific library.
```

Security Systems Interface

RSAD-ROAD: If database under RACF and resources not declared in RACF, no access to GU file*(C:023510)*

```
RSAD-ROAD: If the database is under RACF and the resources
are not declared in RACF, there is no more access to GU file
because users and passwords are managed by RACF.
```

Relational DBD

DDL generation: no ADD PRIMARY KEY neither CREATE INDEX if default values added in a table column*(C:024159)*

```
DB2 SQL block generation: if the user adds default values
in a table column, lines corresponding to the PRIMARY KEY
and INDEX were not taken into account for the generation.
And invalid absence of some initial values.
Corrected.
```

Miscellaneous : Online

Modification of -Gx, -Cx screens display*(C:022584)*

```
In the different screens of comments, generation complement,
... (-Gx), entities calls by relation (-CR, -CZ)
(-CR, -CZ), the label of the entity will be displayed on the
3rd line.
```

Access to data element help by PF4 on GP screen must be possible.*(C:023108)*

```
The access to data elements help by PF4 must be possible
as on the other screens.
```

Possibility to use relations with 'old' type in the -CR of an entity*(C:023237)*

```
It is now possible to use relations with old type in the -CR
screen of an entity (entity call via a user relation).
This is now corrected.
```

C23558/3.0: SCR and SEG entities & extraction protection: possibility to duplicate in lower lib.*(C:023633)*

```
Extraction protection for segment and screen entities: it is
no more possible to duplicate in lower libraries.
```

The word processing commands don't update the timestamp*(C:023685)*

```
The word processing commands (.R,.C1,.C2,.C3) didn't update
the definition timestamp.
Corrected.
```

Database block: missing labels in the -GN map*(C:023686)*

```
Some labels did not appear in the map corresponding to the
command choice B......GN on SQL type block.
Corrected.
```

GP screen: the input fields on command labels are reinitialized if validation and job submission*(C:023867)*

```
GP screen: the input fields on command labels are
reinitialized if the line is validated and the job
submitted.
```

Database block - DDL generation -GN : missing labels after consultation of generated lines*(C:023946)*

```
Database block - DDL generation -GN : missing labels after
the consultation of generated lines.
(Change 23686 continuation).

At first display, 'SEGMENT' and 'TYPE' labels appear
correctly. But after <Enter> (generated lines display),
these 2 labels disappear.
This has been corrected.

Other problem: if generated lines appear on more than one
page, an AICA abend occurred at the second <Enter>.
This has been corrected.
```

Label corresponding to the conversation save displayed in French*(C:024163)*

```
If the user is associated to the French language code, the
label corresponding to the save of the conversation will be
displayed in French. Else, it will be in English.
```

Miscellaneous

Do not write a 'logoff' transaction in the journal in case of incorrect connection.*(C:022540)*

```
Do not write a 'logoff' transaction in the journal if a
incorrect connection has been tempted (ex: unknown user).
```

The generation language can be updated*(C:023562)*

```
Library definition: it is possible to update the generation
language.
A warning is displayed on TP mode.
```

Segment download in workbench: possible as if Pactables module not installed on the site*(C:023750)*

```
Segment download in the workbench: it will now be possible
as if the Pactables module is not installed on the site.
```