

VisualAge Pacbase



Technical Support Information VisualAge Pacbase Additional Files Pacbase transactions: Utilities, PAF, PQC

Version 3.0



VisualAge Pacbase



Technical Support Information VisualAge Pacbase Additional Files Pacbase transactions: Utilities, PAF, PQC

Version 3.0

Note

Before using this document, read the general information under “Notices” on page v.

According to your licence agreement, you may consult or download the complete up-to-date collection of the VisualAge Pacbase documentation from the VisualAge Pacbase Support Center at:

<http://www.ibm.com/software/awdtools/vapacbase/productinfo.htm>

Consult the Catalog section in the Documentation home page to make sure you have the most recent edition of this document.

First Edition (April 2004)

This edition applies to the following licensed programs:

- VisualAge Pacbase Version 3.0

Comments on publications (including document reference number) should be sent electronically through the Support Center Web site at: <http://www.ibm.com/software/awdtools/vapacbase/support.htm> or to the following postal address:

IBM Paris Laboratory
1, place Jean-Baptiste Clément
93881 Noisy-le-Grand, France.

When you send information to IBM, you grant IBM a nonexclusive right to use or distribute the information in any way it believes appropriate without incurring any obligation to you.

© Copyright International Business Machines Corporation 1983,2004. All rights reserved.

US Government Users Restricted Rights – Use, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Corp.

Contents

Notices	v	Chapter 2. P.A.F. - P.U.F.	3
Trademarks	vii	Description of P.A.F. tables	3
Chapter 1. Dates, TUF, and error labels		Example of MVS/CICS application: PAF-TP	
utilities	1	and P.U.F.	4
		Chapter 3. P.Q.C.	7

Notices

References in this publication to IBM products, programs, or services do not imply that IBM intends to make these available in all countries in which IBM operates. Any reference to an IBM product, program, or service is not intended to state or imply that only that IBM product, program, or service may be used. Subject to IBM's valid intellectual property or other legally protectable rights, any functionally equivalent product, program, or service may be used instead of the IBM product, program, or service. The evaluation and verification of operation in conjunction with other products, except those expressly designated by IBM, are the responsibility of the user.

IBM may have patents or pending patent applications covering subject matter in this document. The furnishing of this document does not give you any license to these patents. You can send license inquiries, in writing, to the IBM Director of Licensing, IBM Corporation, North Castle Drive, Armonk NY 10504-1785, U.S.A.

Licensees of this program who wish to have information about it for the purpose of enabling: (i) the exchange of information between independently created programs and other programs (including this one) and (ii) the mutual use of the information which has been exchanged, should contact IBM Paris Laboratory, SMC Department, 1 place J.B.Clément, 93881 Noisy-Le-Grand Cedex. Such information may be available, subject to appropriate terms and conditions, including in some cases, payment of a fee.

IBM may change this publication, the product described herein, or both.

Trademarks

IBM is a trademark of International Business Machines Corporation, Inc. AIX, AS/400, CICS, CICS/MVS, CICS/VSE, COBOL/2, DB2, IMS, MQSeries, OS/2, PACBASE, RACF, RS/6000, SQL/DS, TeamConnection, and VisualAge are trademarks of International Business Machines Corporation, Inc. in the United States and/or other countries.

Java and all Java-based trademarks and logos are trademarks of Sun Microsystems, Inc. in the United States and/or other countries.

Microsoft, Windows, Windows NT, and the Windows logo are trademarks of Microsoft Corporation in the United States and/or other countries.

UNIX is a registered trademark in the United States and/or other countries licensed exclusively through X/Open Company Limited.

All other company, product, and service names may be trademarks of their respective owners.

Chapter 1. Dates, TUF, and error labels utilities

Components nature: VA Pacbase source

List of components: bvputien

Transactions are used to load the following Programs and Macro-structures:

Date validation Macro-structures

P AADS10

Pactables Macro-structures (TUF)

P AATUFA : Data element description

P AATUFL : 'LT' or 'LH' list

P AATUFS : 'LS' or 'LC' list

P AATUFX : Items list

User error labels (Dialog)

P UTEMLD : Indexation of the User error labels file

Platforms

Available for all platforms.

Version

3.0

Implementation

Upload the text file on the host. Execute the UPDT procedure using this file on input, after having adapted the user identification line.

Chapter 2. P.A.F. - P.U.F.

Object

The Pacbase Access Facility module is subject to a purchase agreement. It is used to access, via programs or user requests, VisualAge Pacbase database data, in batch or online mode.

Version:

3.0

Platforms:

All platforms.

Reference documentation:

PAF reference manual

PAF tables description

Description of P.A.F. tables

Components nature

UPDT Pacbase transactions

List of components

bvppafen : PAF tables description - english

This file contains the description of the segments used to describe the Pacbase repository entities.

Implementation:

- Upload the text file on the host.
- Execute the UPDT procedure with this file on input, after having adapted the user identification line.

NOTE: It is advised to load the transactions in an independant central library.

They can be installed in another database than the one to be explored.

=====

WARNING : the PAF tables repository has to be manually updated if already loaded :

Remove TMEN data element called in the following segments of PAF tables xxxCAL : CR12 CS20 ER12

=====

Example of MVS/CICS application: PAF-TP and P.U.F.

This is an example of transactional program implementing PAF and PUF-TP in a MVS/CICS environment.

Version:

3.0

Platforms:

All platforms.

Target platform:

MVS-CICS

Components nature

UPDP Pacbase transactions

List of components

pufext: example of PUF transactional application

Implementation:

- Upload the text file on the host.
- Execute the UPDP procedure with this file on input, after having adapted the user identification line (ASSIGN card).

NOTE: The transactions must be loaded in a sub-library of the library containing the repository (PAF tables).

- Generate the PUINIT, PU0200, PU0300, PU3ERR screens
- Pre-process them (PPAF procedure)
- Compile/link-edit them.

- Declare the programs and the transaction to the CICS.

The application is composed of:

"PUF Sign-on" screen (PUINIT)

- This screen is used to enter the context of the connection to the database: user code/password, VA Pac transaction code, library, session...
- It can also be used as a menu:
The F2 PFkey branches to the programs list, the F3 PFkey branches to the screens list.

"List of programs" screen (PU0200)

- This screen is used to consult and update the list of programs. There is no positioning in the list.
- Update:
Enter an action code on the occurrences and modify the concerned data; this will activate the PUF INSERT order which updates the SYSPAF work file.

If you want to trip the database update, enter 'O' in 'O' in the screen bottom area; this activates the PUF CALPUF order.

If errors are detected during the database update, a specific screen to view PUF errors is displayed :PU3ERR.

"List of screens" screen (PU0300)

- This screen is used to consult and update the list of screens: same functions as the list of programs.

"List of PUF errors" screen (PU3ERR)

- this screen is used to consult the list of database update errors.

Chapter 3. P.Q.C.

Object:

The Pacbase Quality Control module is subject to a purchase agreement. The Pacbench Quality Control function evaluates the quality of applications developed with VisualAge Pacbase through standard or personalized rules. The following file is required if you want create personalized rules.

Version:

3.n

Platforms:

All platforms.

Reference documentation:

PQC reference manual.

Components nature

UPDT Pacbase transactions

List of components

bvppqcen : PQC rules source - english

This file contains the description of the Meta-Entity used to describe quality rules as well as the User Entities describing standard rules.

Implementation:

- Upload the text file on the host.
- Execute the UPDT procedure with this file on input, after having adapted the user identification line.

NOTE: It is advised to load the transactions in an independant central library.

They can be installed in another database than the one to be explored.



Part Number: DUSRC300001A - 6599

Printed in USA