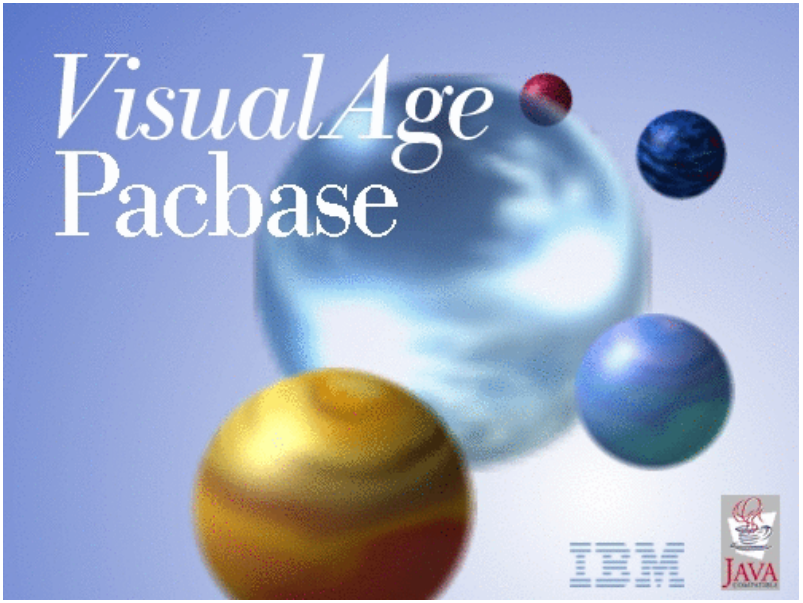
VisualAge Pacbase

Technical Support Information VisualAge Pacbase Additional Files Extraction of Pacbase constants utility GCOS7 target

Version 3.0



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Note

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

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First Edition (April 2004)

This edition applies to the following licensed programs:
- VisualAge Pacbase Version 3.0

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Chapter 1. Program to access Pacbase constants

This utility is used to extract values of Pacbase constants present in the generated programs.

Version :

Available for all versions.

Components nature:

JCL sources

List of components:

cu-utixcu : Installation JCL

paccste : example of execution JCL

GCOS7 SPECIFICITIES:

The UTIXCU module is used to extract Pacbase constants for Compil-Units or Load-Modules.

Share-Modules are not processed.

LIMITS:

For CU or LM modules, some case are not working (less than 1%), because of a transaction break.

For a LM, UTIXCU always considers the first program of the file as the main program. The following programs are considered as sub-programs and displayed with an indentation.

Implementation:

Transfer the JCLs in a sources library

Execute the installation JCL which creates the UTIXCU program in the Compil-Unit library, filled in in the parameter 1.

Create the UTIXCU loadmodule with the Link-editer on site.

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Example of execution JCL (PACCSTE)

Parameter 1: name of the Compil-unit to be extracted (or * for all).

Parameter 2: Library to explore

Parameter 3: Type of the library to explore : CU or LM

Parameter 4: Load-modules library containing UTIXCU

```
COMM '***** PRINT PACBASE CONSTANTS *****';
COMM ' Parameters: ';
COMM ' 1: Selected CU - star convention allowed';
COMM ' 2: program library to explore';
COMM ' 3: program library type: CU or LM';
COMM ' 4: LM library containing utility UTIXCU';
VL *,SRCHLIB,CU,LMLIB;
LIB &3 IL1=&2;
LMN &3 OUTFILE=(TCHIK,TEMPRY,END=PASS),
COM='MV IL1:'&1';',
PRTFILE=DUMMY;
STEP UTIXCU FILE=&4;
ASG BV TCHIK,TEMPRY,END=DEASSIGN;
ASG BZ SYS.OUT;
ESTP;
```

NOTE:

If you want to retrieve transactions (BZ) in a file, characteristics are as follows:

Example of Jcl to create the BZ file:

PALC TCHIK,

UNIT=CYL,DVC=MS/FSA,GBL=(MD=mydisc,SZ=5),INCRSZ=1,

BFAS=(SEQ=(BLKSZ=1510,RECSZ=1024,RECFORM=VB,NDLREC)),

FILESTAT=TEMPRY;

BZ FILE DESCRIPTION:

```
01   BY00.
  05 BY00-SPGM       PIC X.
  05 BY00-COMP.
     10 BY00-PROGE   PIC X(8).
     10 FILLER       PIC X.
     10 BY00-COBOL   PIC X(16). (compiler version)
     10 FILLER       PIC X.
     10 BY00-COMPD   PIC X(8).  (compilation date)
     10 FILLER       PIC X.
     10 BY00-COMPH   PIC X(8).  (compilation time)
     10 FILLER       PIC X.
  05 BY00-CSTE.
     10 BY00-PROGR   PIC X(6).
     10 FILLER       PIC X.
     10 BY00-APPLI   PIC XXX.
     10 FILLER       PIC X.
     10 BY00-NUGNA   PIC X(5).
     10 FILLER       PIC X.
     10 BY00-DATGN   PIC X(8).
     10 FILLER       PIC X.
     10 BY00-CODUTI  PIC X(8).
     10 FILLER       PIC X.
```

Chapter 2. Appendix

Files transfer

BULL/GCOS7 C.U.

Transfer of a program toward a Bull Gcos7 server

1. Transfer the xxxx file to a Gcos7 machine by an utility of your choice, in a sequential file or a SL library member.
2. Execute the xxxx file, which updates the CU library: EJ xxxx VL=(name-of-the-cu-library-to-be-updated)
3. Link the program:
   - For an online sub-program: start the TDS generation
   - For a Batch or online program: use the link editor of your site.

Text files

The transfer of text file is used to upload files such as:

Sources of programs

Scripts

JCL

Pacbase transactions

...

The parameters are ASCII, and CRLF.

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