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SPLA

CONTROL NUMBER:

This form should be completed and submitted with the program package to the SHARE Program Library Agency at the address shown above. Standards and instructions for submitting programs are in the SHARE Reference Manual, Section 6.

- (1) Program Number (to be filled by SPLA) 370D-75.1.001
- (2) Title of Program GUIDE/SHARE IBM DB/DC Data Dictionary User Enhancements
- (3) System Type(s) (Machine) 370, 303X, 43XX, 308X
- (4) Search Key(s) DB/DC Data Dictionary GUIDE
- Extensibility, Extensions, Enhancements,
PAF, IMS, DLI, SDF, STRUCTURED ANALYSIS,
BSP PLANNING
- (5) Programming Systems/Languages Assembler, Cobol, PL/I, Mark IV, ADF
- (6) Primary Subject Code 75.1
- (7) Minimum System Requirements IMSVS DB, DLI VS/DOS
- (8) New (N) or Revision (R) (if revision, show prior Program Number in Item 1) R
- (9) Date of Submittal 5/23/87
- (10) Documentation (number of original pages submitted) 2
- (11) Author's Name and Address Chris Mooney
American Express
1647 E. Morten Av.
Phoenix, Az. 85020
- (12) Direct Technical Inquiries to Name & Address (if different than Author) See accompanying documentation
- (13) Submitter's Installation Membership Code JGN
- (14) Abstract (should contain sufficient information for a reader to determine the value of the program). Listed on the reverse side of this form are subjects which may serve as a guide for a descriptive abstract.

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SHARE PROGRAM LIBRARY SUBMITTAL FORM

Subject Guide:

- a. Purpose
- b. Programming Language used
- c. Version and modification level or release number
- d. Field of application
- e. Type of routine (main program, subroutine, etc.)
- f. Specific description of machine requirements

This tape contains a collection of enhancements and extensions to the "IBM DB/DC Data Dictionary." These extensions take one of the following forms:

- 1) Extensibility prototypes and definitions (dictionary cmds);
- 2) Program Access Facility (PAF) routines in PL/I, COBOL and Assembler;
- 3) Other types of programs which work with dictionary data;
- 4) Some text concerning uses of the data dictionary.

Any installation using the "IBM DB/DC Data Dictionary" should find the tape useful. Many of the routines are of a "utility" nature (e.g. export/import programs, etc.).

The enhancements have for the most part been submitted by members of the GUIDE "DB/DC Data Dictionary Project".

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(Please attach additional pages if necessary) Total pages attached X

An "Acknowledgement of Assistance" statement must be attached to this Submittal Form.

Permission to Publish

"I hereby give the SHARE Program Library Agency permission to reprint, reproduce, and distribute this program"

(15) Signature of Submitter and Date Chin Mooney 1-23-87

(15) Signature of Installation Addressee _____

GUIDE/SHARE TAPE OF ENHANCEMENTS TO THE
IBM DB/DC DATA DICTIONARY
RELEASE 4.0

THIS TAPE AND ITS ACCOMPANYING HARDCOPY DOCUMENTATION CONTAINS ENHANCEMENTS AND EXTENSIONS TO THE IBM "DB/DC DATA DICTIONARY". THE ENHANCEMENTS HAVE PRIMARILY BEEN SUBMITTED BY MEMBERS OF THE "DB/DC DATA DICTIONARY PROJECT" OF "GUIDE INTERNATIONAL, INC." THIS TAPE IS DISTRIBUTED THROUGH THE FACILITIES OF THE "SHARE PROGRAM LIBRARY AGENCY".

AN ATTEMPT HAS BEEN MADE TO PROVIDE SUFFICIENT DOCUMENTATION SUCH THAT TECHNICALLY COMPETENT DATA PROCESSING PERSONNEL SHOULD BE ABLE TO MAKE REASONABLE USE OF THE CONTENTS OF THIS TAPE. PLEASE DOUBLE CHECK ANY ERRORS BEFORE ATTEMPTING TO CONTACT ANY OF THE AUTHORS. THEY HAVE VOLUNTARILY CONTRIBUTED THE ENHANCEMENTS AND ARE NOT UNDER ANY OBLIGATION TO MAINTAIN OR CORRECT ANY PROBLEMS WHICH MAY BE ENCOUNTERED. PLEASE NOTE THAT THERE ARE SEVERAL FILES WHICH LIST THE AUTHOR AS ANONYMOUS. IF THERE ARE QUESTIONS ABOUT THESE FILES, YOU MAY TRY TO CONTACT CHRIS MOONEY AT AMERICAN EXPRESS, PHOENIX, AZ. (602) 995-7826, BUT HE WILL PROBABLY NOT BE ABLE TO HELP MUCH.

THE TAPE CONSISTS OF 1 FILE OF EXPLANATORY TEXT (WHAT YOU ARE READING) FOLLOWED BY 45 FILES, EACH OF WHICH CONTAINS ONE OR MORE MEMBERS. IN MANY CASES EACH FILE WILL REPRESENT A SET OF ENHANCEMENTS SUBMITTED BY ONE PERSON OR ORGANIZATION. EACH MEMBER ENCOUNTERED IN A PARTICULAR FILE WILL BE PRECEDED BY A CONTROL CARD FOR THE IBM "OS" UTILITY "IEBUPDTE" WITH THE FOLLOWING FORMAT:

```
COLS  1  1  2
      1  0  0
      ./ ADD NAME=XXXXXXXXXX
```

IF YOUR INSTALLATION IS IBM "OS", THEN ONE OR MORE FILES CAN SERVE AS INPUT TO THE IEBUPDTE UTILITY IN ORDER TO CREATE A PARTITIONED DATASET (PDS) IN WHICH EACH SOURCE MODULE IS A MEMBER.

IF YOUR INSTALLATION IS IBM "DOS", THEN THE "J" CARD CAN SERVE AS A MARKER TO INDICATE WHERE A PARTICULAR MEMBER BEGINS WITHIN A FILE. EITHER A UTILITY OR USER WRITTEN PROGRAM CAN BE USED TO EXTRACT DESIRED MEMBERS. IT IS HOPED THAT THIS FORMAT WILL BE EASIER TO USE THAN THE FIRST VERSION OF THE TAPE IN WHICH EACH FILE WAS AN "UNLOADED" PDS.

THE DESCRIPTION OF EACH FILE AND ITS CONTENTS FOLLOWS. ALL DATASETS ARE NON-LABELED. THIS IMPLIES THAT THERE IS NO DATASET NAME OR VOLSER OR DCB INFORMATION ON THE TAPE ITSELF. WHEN YOU DOWNLOAD ANY PORTION OF THE TAPE, YOU MAY CALL THE DATASET AND VOLSER ANYTHING YOU WISH. THE DCB INFORMATION FOR ALL FILES ON THE TAPE (EXCEPT FILE 01) IS LRECL=80, RECFM=FB, AND BLKSIZE=4560.

THE FOLLOWING JCL WILL REPRODUCE THIS LISTING WHICH IS FILE ONE OF THE TAPE. *

```
//STEP1 EXEC PGM=IEBGENER
//SYSPRINT DD SYSOUT=A
//SYSUT1 DD DSN=TAPE.CONTENT,DISP=OLD,UNIT=TAPE,
// LABEL=(1,NL),VOL=SER=GIDETP,
// DCB=(RECFM=FBA,LRCL=86,BLKSIZE=1720)
//SYSUT2 DD SYSOUT=A
//SYSIN DD DUMMY
```

A SAMPLE SET OF JES2/MVS JCL TO UNLOAD THE TAPE IS PROVIDED ON FILE # 46.

THE FOLLOWING JCL WILL UNLOAD FILE 46 OF THE TAPE WHICH CONTAINS COMPLETE JCL TO UNLOAD THE ENTIRE TAPE. YOU CAN RUN THIS JOB TO UNLOAD FILE 46 AND USE THAT JCL TO UNLOAD THE REST, OR SIMPLY CHANGE THE FILE NUMBER IN THE LABEL PARAMETER TO UNLOAD ANY FILE ON THE TAPE.

```
//S01 EXEC PGM=IEFBRI4
//DD02 DD DSN=GUIDE.TAPE.FILE46,DISP=(,CATLG),UNIT=SYSDA,
// SPACE=(TRK,(15,15,26)),
// DCB=(LRCL=80,BLKSIZE=4560,RECFM=FB)
//S00A EXEC PGM=IEBUPDI
//SYSPRINT DD SYSOUT=*
//SYSUT1 DD DSN=GUIDE.TAPE.FILE46,DISP=SHR
//SYSUT2 DD DSN=GUIDE.TAPE.FILE46,DISP=SHR
//SYSIN DD DSN=TAPE.FILE46,DISP=OLD,UNIT=TAPE,
// LABEL=(46,NL),VOL=SER=GIDETP,
// DCB=(LRCL=80,BLKSIZE=4560,RECFM=FB)
```

THE AUTHORS AND SUBMITTING ORGANIZATIONS ARE LISTED WITH EACH FILE DESCRIPTION.

*Note: The complete document in File One contains 47 pages. We provide only the first two pages here.

TAPE KEY

The format is: NL 46 files

FILE 1	FBA	Lrecl 86	Blksize 1720
FILE 33	FB	Lrecl 133	Blksize 4522
FILES 2 - 32	FB	Lrecl 80	Blksize 4560
34 - 46			

Files 1 and 33 can be unloaded with IEBGENER.
All others can be SYSIN to IEBUPDTE or unloaded with IEBGENER then
run through IEBUPDTE.