

DBU 8.0 Enhancements

SEARCH FUNCTION

The top section of the Search/Replace Options screen prompts the user to define the parameters for a search function. There are now two types of search available: a basic (original) search and a search using SQL syntax. Press F9 to toggle between the basic search and the SQL search.

Basic Search

```
Define Search/Replace
Type choices, press Enter.      A/O: A=AND O=OR
Format... DBRDEMO              Operation: GT LT EQ GE LE NE NG NL CT NC
Search...                       Value: Field, Number, 'Characters' or X'HEX'
  Field Name
A/O  *RCD *RRN  From  To  Op  Value, *DECERR or *NULL
     GLLVL2      _____ EQ  1
     ACTYP      _____ EQ  'B'
     _____
                                           More...
Replace..
  Field Name  From  To  Value or *DELETE
  _____  _____
  _____
                                           More...

Create subset of records . Y Y=Yes, N=No
Include deleted records . N Y=Yes, N=No
Output results to file . . N Y=Yes, N=No
Occurrences to process . . 1 1=Next, 2=All, 3=Previous
Kind of match . . . . . 1 1=Same case, 2=Ignore case
Print results . . . . . N Y=Yes, N=No
Records to Search. . . . 5000 & Progress Messages every 1000 records
F3=Exit F4=Fields F9=Toggle SQL/SEARCH F16=Search F21=Submit to Batch
```

SQL search

```
Define Search/Replace
Select * from DBU80/DBPDEMO where
GLLVL2 = 1 and ACTYP = 'B'
_____
_____
_____
_____
_____
_____
                                           More...
Replace..
  Field Name  From  To  Value or *DELETE
  _____  _____
  _____
  _____
                                           More...

Create subset of records . Y Y=Yes, N=No
Include deleted records . N Y=Yes, N=No
Output results to file . . N Y=Yes, N=No
Occurrences to process . . 1 1=Next, 2=All, 2=Previous
Kind of match . . . . . 1 1=Same case, 2=Ignore case
Print results . . . . . N Y=Yes, N=No
Records to Search. . . . 5000 & Progress Messages every 1000 records
F3=Exit F4=Fields F9=Toggle SQL/SEARCH F16=Search F21=Submit to Batch
```

The above figures show a search using the same criteria using both methods.


```

Define Search/Replace
Type choices, press Enter.      A/O: A=AND O=OR
Format... DBRDEMO              Operation: GT LT EQ GE LE NE NG NL CT NC
Search...                       Value: Field, Number, 'Characters' or X'HEX'
Field Name
A/O *RCD *RRN From To Op Value, *DECERR or *NULL
   GLLVL3      EQ 0

```

```

Output Results to File
Physical file . . . . . _____ Name, generic*, *All
Library . . . . . _____ Name, generic*, *LIBL...
Member . . . . . *FIRST Name, generic*, *FIRST
Replace or add records . . *ADD *ADD, *REPLACE
Create file . . . . . *YES *NO, *YES

F1=Help F3=Exit F12=Cancel

```

```

Records to Search. . . . . 5000 & Progress Messages every 1000 records
F3=Exit F4=Fields F9=Toggle SQL/SEARCH F16=Search F21=Submit to Batch

```

- **Library....** Enter name of library containing logical or physical file entered above or part of a library name followed by an asterisk. Default is last library opened.
- **Member....** Default is *FIRST or enter member name.
- **Replace or add records..** Default is *ADD
- **Create output file....** Default is *NO.
- **Comma Delimited File....** Enter IFS path with name of file to be created or used and its extension.

```
Define Search/Replace
Type choices, press Enter.      A/O: A=AND O=OR
Format... DBRDEMO              Operation: GT LT EQ GE LE NE NG NL CT NC

Output IFS File

PATH /home/testfile.csv

F3=Exit      F12=Cancel

-----
More...

Create subset of records . N Y=Yes, N=No
Include deleted records . N Y=Yes, N=No
Output results to file . . Y Y=Yes, N=No
Occurrences to process . . 2 1=Next, 2=All, 3=Previous
Kind of match . . . . . 1 1=Same case, 2=Ignore case
Print results . . . . . N Y=Yes, N=No
Records to Search. . . . 5000 & Progress Messages every 1000 records
F3=Exit F4=Fields F9=Toggle SQL/SEARCH F16=Search F21=Submit to Batch
```

XML File....Enter IFS path with name of file to be created or used and its extension.

```
Define Search/Replace
Type choices, press Enter.      A/O: A=AND O=OR
Format... DBRDEMO              Operation: GT LT EQ GE LE NE NG NL CT NC

Output IFS File

PATH /home/testfile.xml

F3=Exit      F12=Cancel

-----
More...

Create subset of records . N Y=Yes, N=No
Include deleted records . N Y=Yes, N=No
Output results to file . . Y Y=Yes, N=No
Occurrences to process . . 2 1=Next, 2=All, 3=Previous
Kind of match . . . . . 1 1=Same case, 2=Ignore case
Print results . . . . . N Y=Yes, N=No
Records to Search. . . . 5000 & Progress Messages every 1000 records
F3=Exit F4=Fields F9=Toggle SQL/SEARCH F16=Search F21=Submit to Batch
```

FAST COMMANDS

A new fast command from the control field:

TRG – Display database triggers on physical files.

An enhanced fast command for record duplication:

DUP - Go to ADD mode and duplicate as many records as desired from the data currently shown.

KEY FIELD ARRANGEMENT

Using the DBU User Authority command, you can display the keyed fields first in keyed files.

MIGRATE DDS SOURCE TO SQL DEFINITIONS

The Export Fields option (F9) can now be used to create a SQL source member.

Create new DDS or SQL source member for an existing externally described file. **DBU** an externally described file, F4 to bring up a field list. Select and sequence the fields to be exported. Press F9 to bring up the Export Fields Screen. Fill out screen and press enter. All fields marked will be placed in the source member defined on the screen.

Caution: The default source member name is the file name of the externally described file. If using this method, change the source member name and/or the source and library name or your original physical file specification will be replaced.

This command key (F9) brings up a window to select export to either DDS or SQL.

```

DBU Field Selection
File . . . . : DBPDEMO   Text . . . . Demo Data
Library . . . : DBU80    Member . . . : DBPDEMO
Position to Record Format .
Position to Field Name . .
Single Record Text/Field Na
Mult Record Text/Field/Colu
Select/Remove field Auto Du
Display New New
Seq# Select Only Line Pag
 10 X - Level3
 20 X - Level2
 30 X - Level1
 40 X - Employee #          GLEMP# S 4 0 7
 50 X - B/s Or P&l         ACTTYP A 1 0 11
 60 - - Seq Ctl #          SEQ# P 5 0 12
 70 - - Gl Act#           ACCT# P 5 0 15
 80 - - Subact            SUB# P 3 0 18
 90 - - Source            JESRCE A 2 0 20
100 - - Entry#            ENTRY# A 6 0 22
More...

Export DDS or SQL
_ 1. Export DDS
 2. Export SQL

F3=Exit          F12=Cancel

```

Option 2, Export SQL, brings up a window with the following fields:

Source File - Name of the source file which will contain(s) the physical file specifications to be created/changed to SQL table source.

Library - Library where source file resides.

Source Member - Physical files member to be created/changed.

Replace Existing Member -

Y = Replace existing file specifications with fields selected on screen.

N = Selected field will be added to the end of the existing physical file specification in the source member.

Member Text -

*SAME - Do not change text on an existing member.

Text - Either change text on an existing member or define text for a new member. Text will not carry to new member if it is being created from an existing member.

DBU Field Selection

File : DBPDEMO Text Demo Data
Library . . . : DBU80 Member . . . : DBPDEMO
Position to Record Format : DBRDEMO Name, F4 for list
Position to Field Name : _____ NAME/*FIRST/*LAST/GEN.*
Single Record Text/Field Name : TXT TXT/FLD/BTH/ALS

Export SQL Create statement

Source file : _____ Name
Library : _____ Name, *LIBL
Source member : DBPDEMO Name
Replace existing member . : N Y=Yes, N=No
Member text : *SAME

F1=Help F3=Exit F12=Cancel

F8=Import fields F9=Export fields F10=More Attributes F24=More keys