

Issuing DB2 Commands from Natural

The DB2 Command part of the Natural Tools for DB2 enables you to issue DB2 commands from a Natural environment.

A file is maintained for each user on the FUSER file. This file is stored under the object name DB2\$CMD in the Natural library of the current user.

You can select a command and submit it, save the command file and save and/or print the output report.

This section covers the following topics:

- Invoking the DB2 Command Part
- Displaying the Command File
- Displaying the Output Report

Invoking the DB2 Command Part

To invoke the Interactive SQL function

- Enter function code "D" on the Natural Tools for DB2 Main Menu.

The Execute DB2 Command screen is displayed:

```

16:07:56          ***** NATURAL TOOLS FOR DB2 *****          2006-05-24
                    - Execute DB2 Command -

                                Code  Function
                                C    Display Commands
                                O    Display Output
                                ?    Help
                                .    Exit

Code .. _   Library .. DBA_____

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help           Exit                                 Canc

```

The following functions are available:

Code	Description
C	Displays your command file. If you have not saved a command file yet, a default file is displayed.
O	If an output file exists, the output report is displayed.

The following parameter can be specified:

Library: You can enter a user name or library. The default is the current user ID.

Displaying the Command File

To display the command file

- Enter function code "C" on the DB2 command menu.

The DB2 Commands screen is displayed:

```

16:12:11          ***** NATURAL TOOLS FOR DB2 *****          2006-05-24
                    - DB2 Commands -

Mark the line of the command you want to execute with 'S' and press PF4

Cmd 1  _  -DISPLAY THREAD (*).
Cmd 2  _  -DISPLAY LOCATION.
Cmd 3  _  -DISPLAY DATABASE(*) LIMIT(2500).
Cmd 4  _  -DISPLAY PROCEDURE (*).
Cmd 5  _  -DISPLAY DATABASE(DSNDB04) LIMIT (*).
Cmd 6  _  .
Cmd 7  _  .
Cmd 8  _  .

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
                    Exit Subm Save                                Next Canc
    
```

Use PF11 to scroll to the next page.

You can modify the command file. Save your modifications with PF5.

To execute a command

- Mark the command with "S" and press PF4.

The results are displayed on the DB2 Commands Output screen:

```

16:13:23          ***** NATURAL TOOLS FOR DB2 *****          2006-05-24
                    - DB2 Commands Output -

Command:          -DISPLAY DATABASE(DSNDB04) LIMIT (*)
Return Code 1:    00000000          Return Code 2:  00000000
Length of Output: 00001AFB

DSNT360I - *****
DSNT361I - *   DISPLAY DATABASE SUMMARY
          *   GLOBAL
DSNT360I - *****
DSNT362I -   DATABASE = DSNDB04  STATUS = RW
          DBD LENGTH = 72674

DSNT397I -
NAME      TYPE PART STATUS          PHYERRLO PHYERRHI CATALOG  PIECE
-----
ADRESSE  TS      RW
ALIASRBY TS      RW
ALLDATA0 TS      RW

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Exit      Save  --   -   +   ++          Canc
    
```

To save the command file, use PF5; the output file is stored under the object name DB 2\$OUT in the Natural library of the current user.

To return to the command file, use PF3.

You can submit further commands.

Displaying the Output Report

To display the last output record

- Enter function code "O" on the DB2 command menu.

The DB2 Commands Output screen is displayed:

```

16:13:57          ***** NATURAL TOOLS FOR DB2 *****          2006-05-24
                    - DB2 Commands Output -

Command:           -DISPLAY DATABASE(*) LIMIT(2500)
Return Code 1:     00000000          Return Code 2:   00000000
Length of Output:  00007468

DSNT360I - *****
DSNT361I - *   DISPLAY DATABASE SUMMARY   *
          *   GLOBAL                       *
DSNT360I - *****
DSNT362I -      DATABASE = DSNDB01  STATUS = RW
          DBD LENGTH = 8000

DSNT397I -
NAME      TYPE PART STATUS          PHYERRLO PHYERRHI CATALOG  PIECE
-----
DBD01     TS      RW
SPT01     TS      RW
SCT02     TS      RW

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Exit      Print --      -      +      ++          Canc
    
```

To print the output record, use PF5.