

# 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 system file FUSER. 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

- On the **Natural Tools for DB2 Main Menu**, enter function code D and press Enter.

The **Execute DB2 Command** screen is displayed:

```

16:07:56          ***** NATURAL TOOLS FOR DB2 *****          2009-10-30
                    - 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:

Parameter	Description
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

- On the **Execute DB2 Command** menu, enter function code C and press Enter.

The **DB2 Commands** screen is displayed:

```

16:12:11          ***** NATURAL TOOLS FOR DB2 *****          2009-10-30
                    - 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 (Next) to scroll to the next page.

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

### ▶ To execute a command

- Mark the command with an S and press PF4 (Subm).

The results are displayed on the **DB2 Commands Output** screen:

```

16:13:23          ***** NATURAL TOOLS FOR DB2 *****          2009-10-30
                    - 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
ALIARBY  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**

1. Press PF5 (Save).

The output file is stored under the object name DB2\$OUT in the Natural library of the current user.

2. Press PF3 (Exit) to return to the command file.

You can submit further commands.

## Displaying the Output Report

**▶ To display the last output record**

- On the **Execute DB2 Command** menu, enter function code O and press Enter.

The **DB2 Commands Output** screen is displayed:

```

16:13:57          ***** NATURAL TOOLS FOR DB2 *****          2009-10-30
                    - 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, press PF5 (Print).