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Creating The Sample Database in DB2.6000 version 2

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About This Document

This document discusses how to create the sample Data Base in DB2.6000 version 2. It is applicable to AIX versions 3.2.5 and 4.1.

This document is designed to walk you through creating the sample database for an instance, starting up DB2 and then shutting down DB2. These steps pre-suppose the existence of an instance. You will need to change the user and group names supplied in this document with your own. If you do not have an instance created you may want to request from your support center; "Making an Instance for DB2 (v1.1-1.2) on AIX", or "Making an Instance for DB2 (v2.1) on AIX", depending on which version of DB2 you are running.

Creating the Sample Database

1. Login in as the instance owner.

```
login: inst1
password inst1: (enter password)
```

2. Start the DB2 engine:

```
$ db2start
```

3. Create the sample database. Type the command:

```
$ db2sampl
```

4. Invoke the Command Line Processor.

```
$ db2
```

   The new prompt will look like:

```
db2 =>
```

5. Connect to a data base using the connect command:

```
db2 => connect to sample
```

Database Connection Information

```
Database product       = DB2/6000 2.1.0
SQL authorization ID   = INST1
Local database alias   = SAMPLE
```

Use the DB2 command set provided in your manuals.

6. Show the tables in the database by running:

```
db2 => select name, creator from sysibm.systables
```

Output is:

```
NAME                CREATOR
------------------- --------

ORG                 INST1
STAFF               INST1
CHECKS              SYSCAT
COLCHECKS           SYSCAT
COLDIST             SYSCAT
COLUMNS             SYSCAT
CONSTDEP            SYSCAT
DATATYPES           SYSCAT
DBAUTH              SYSCAT
.                   .
.                   .
.                   .
FUNCTIONS           SYSSTAT
INDEXES             SYSSTAT
TABLES              SYSSTAT

63 record(s) selected
```

Or run:

```
db2 => list tables

NAME                CREATOR  TYPE CTIME
------------------- -------- ---- --------------------------
ORG                 ALLAN    T    1995-02-24-11.13.40.447666
STAFF               ALLAN    T    1995-02-24-11.13.41.018470

2 record(s) selected.
```

7. Disconnect using the command below:

```
db2 => connect reset
```

8. Quit out of a DB2 session and return to the AIX command line using one of two commands:

   The 'quit' command will return you to a system prompt and leave you connected to a database.

   The 'terminate' command is the same as a 'quit' **Except** it will disconnect you from a a database.

Note: If you run a 'connect reset' and then a 'quit', it is the same thing as running a 'terminate'.

Dropping the Sample Database

Note: Replace the letters "DB" with the word "database" in the rest of this document.

To get rid of the "sample" DB you will need to drop the database.

1. Drop the DB:

```
$ db2 drop database sample
DB20000I  The DROP DATABASE command completed successfully.
```

2. Exit from db2.

   You will need to stop all DB2 processes and daemons using the 'db2stop' and 'terminate' commands. These commands assume that you have run the 'quit' command from the AIX inst1 owner's prompt.

```
$ db2 force application all
$ db2 terminate
$ db2stop
```

   This will stop all DB2 processes and bring down the DB engine.

Further Considerations

You will want to read through the "Administration Guide", prior to making your own DB. This document provides a start to understanding simple SQL statements and basic database administration (DBA). If at any time you run into a command which is not working or have question contact your support center for further assistance.

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