

ParisBase supports only one database and one user which are used by default. User can create multiple tables in the database. Supported commands are as follows.

SHOW TABLES;

Display all the tables in the database.

CREATE TABLE table_name (column_name datatype);

Create a new table in the database.

INSERT INTO table_name VALUES (value1,value2,..);

Insert a new record into the table.

DELETE FROM TABLE table_name WHERE row_id = value;

Delete a record from the table whose rowid is <value>.

UPDATE table_name SET column_name = value WHERE condition;

Modifies the records in the table.

CREATE INDEX ON table_name (column_name);

Create index for the specified column in the table.

SELECT * FROM table_name;

Display all records in the table.

SELECT * FROM table_name WHERE column_name operator value;

Display records in the table where the given condition is satisfied.

DROP TABLE table_name;

Remove table data and its schema.

VERSION;

Show the program version.

HELP;

Show this help information.

EXIT;

Exit DavisBase.

All the commands are case insensitive. For demonstration, load the folder ParisBase and run the file "DavisBase.java" as a Java application.

Team Member Contribution:-

Tirth Mehta:-

Buffer.java

DavisBase.java

Nisarg Patel:-

CreateTable.java

DropTable.java

Sai Teja Guduru:-

Index.java
Table.java
UpdateTable.java

Sahil Prashant Kirpekar:-

DeleteTable.java
Page.java

Devang Vamja:-

ShowTables.java
Init.java
Insert.java