DbQuery

This function starts a database query using the supplied connection. Use the returned query handle with dbPoll to get the result, or dbFree if you don't want the result.

> **Tip:** The server command debugdb 2 will output verbose information on each query to a logging file (usually **logs/db.log**)

> **Important Note:** It is strongly recommended to use this function asynchronously, as presented in "This example starts a select query and processes the result in an inline callback function with custom arguments:"

Syntax

```
handle dbQuery ( [ function callbackFunction, [ table callbackArguments, ] ] element databaseConnection, string query [, var
param1 [, var param2 ...]] )
```

OOP Syntax Help! I don't understand this!

Method: *connection:query(...)*

Required Arguments

- **databaseConnection:** A database connection element previously returned from dbConnect
- **query:** An SQL query. Positions where parameter values will be inserted are marked with a **?**

Optional Arguments

- **callbackFunction:** An optional function to be called when a result is ready. The function will only be called if the result has not already been read with dbPoll. The function is called with the query handle as the first argument.
- **callbackArguments:** An optional table containing extra arguments to be sent to the callback function.
- **paramX:** A variable number of parameters. These must be strings or numbers - it is important to make sure they are of the correct type. Also, the number of parameters passed must be equal to the number of **?** characters in the query string.

String parameters are automatically quoted and escaped as required. (If you do not want a string quoted, use **??**)

Returns

Returns a query handle unless the connection is incorrect, in which case it return *false*.