

Base Buttons

The base buttons:



Load

This will load a previous stored SQL query. Note that the extension must be .sql.

Save

This will save the current text as an SQL query. Note that the extension must be .sql.

Select Statement

Clicking on this button will replace any existing text with a base SQL Select Statement:

```
SELECT
 *
FROM

--WHERE
--GROUP BY
--ORDER BY
```

You can expand on this statement.

Comment

By placing your cursor on a commented or uncommented line in the SQL text and clicking on this button will toggle the comment.

Before:

```
SELECT
 *
FROM

--WHERE
--GROUP BY
```

After (when your cursor is on --WHERE):

```
SELECT
 *
FROM

WHERE
--GROUP BY
--ORDER BY
```

Helpful Text

This drop-down list will add or replace the text. For these statements:

```
INNER JOIN  
LEFT OUTER JOIN  
RIGHT OUTER JOIN
```

Ensure that your cursor is positioned at the end of the FROM table clause.

The Create Table option will produce:

```
CREATE TABLE (  
    id    INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,  
  
);
```

The Rename Table option will produce:

```
ALTER TABLE  
RENAME TO
```

The Add Column option will produce:

```
ALTER TABLE  
ADD COLUMN
```

The Create Index option will produce:

```
CREATE INDEX  
ON |  
(|);
```

The (SELECT... option will produce:

```
(SELECT FROM | WHERE | ORDER BY | LIMIT 1),
```

The Case x WHEN option will produce:

```
CASE  
WHEN | THEN  
ELSE  
END,
```

These last two options will insert the text in the line following the current cursor position.

Pragmas

Included in the Helpful Text list are a set of pragmas that can be run against your database. The available pragmas are:

- ✓ Database_list
- ✓ Encoding
- ✓ Table_info
- ✓ Index_info
- ✓ Index_list
- ✓ Compile_options
- ✓ Cache_size

Copy

Clicking on this button will copy the SQL query text to the Clipboard so that it can be pasted directly into your Xojo code. Note that all line feeds are converted to spaces . An example would be this:

```
SELECT
  Customers.ID, Customers.FirstName, Customers.LastName, Customers.Email
FROM
  Customers
--WHERE
--GROUP BY
ORDER BY Customers.LastName, Customers.FirstName
```

Clicking on Copy would produce this:

```
SELECT Customers.ID, Customers.FirstName, Customers.LastName, Customers.Email
FROM Customers ORDER BY Customers.LastName, Customers.FirstName
```

Format

Clicking on the format button will reformat a single statement to a more readable version. Using the previous example of

```
SELECT
Customer.CustomerId, Customer.FirstName, Customer.LastName, Customer.Company,
Customer.City, Customer.PostalCode, Customer.Phone, Customer.Email
FROM
  Customer
--WHERE
--GROUP BY
ORDER BY Customer.LastName, Customer.FirstName
```

Would produce the following in the SQL text area:

```
SELECT
  Customer.CustomerId,
  Customer.FirstName,
  Customer.LastName,
  Customer.Company,
  Customer.City,
  Customer.PostalCode,
  Customer.Phone,
  Customer.Email
FROM
  Customer
ORDER BY
```

Customer.LastName, Customer.FirstName
--