

q

Execute SQL-like queries on .csv and .tsv files.

- Query .csv file by specifying the delimiter as ',':

```
q -d',' "SELECT * from {{path/to/file}}"
```

- Query .tsv file:

```
q -t "SELECT * from {{path/to/file}}"
```

- Query file with header row:

```
q -d{{delimiter}} -H "SELECT * from {{path/to/file}}"
```

- Read data from stdin; '-' in the query represents the data from stdin:

```
{{output}} | q "select * from -"
```

- Join two files (aliased as f1 and f2 in the example) on column c1, a common column:

```
q "SELECT * FROM {{path/to/file}} f1 JOIN {{path/to/other_file}} f2 ON (f1.c1 = f2.c1)"
```

- Format output using an output delimiter with an output header line (note: command will output column names based on the input file header or the column aliases overridden in the query):

```
q -D{{delimiter}} -O "SELECT {{column}} as {{alias}} from {{path/to/file}}"
```