NAME
regex — Apply regular expression to a string or column

LIBRARY
SQLite User-defined function Library (regex.so)

SYNOPSIS
select regex(*pattern*, *data*);

DESCRIPTION
The **regex** function compiles *pattern* as an extended regular expression using regcomp(3) and executes regexec(3) for *data*. It returns 'T' or 'F' to indicate a match (or nonmatch).

EXAMPLES
```
sqlite> .load /usr/local/lib/sqlite3/regex.so
sqlite> create virtual table t using readdir (/tmp/eg);
sqlite> select *, regex('^..$', name) from t where name like 'm%';
fileno      type       name       fullname     regex('^..$', name)
----------  ---------- ---------- -----------  -------------------
13630381    l          man        /tmp/eg/man  F
13630382    l          me         /tmp/eg/me   T
13630383    l          misc       /tmp/eg/mis  F
13630384    l          mk         /tmp/eg/mk   T
13630385    l          ms         /tmp/eg/ms   T
```

IMPLEMENTATION NOTES
This implementation was written to use the regular expression functions provided in the NetBSD standard C library. With minor modifications it could be adapted to the GNU or PCRE versions.

To use **regex** in the SQLite shell **sqlite3**, add the following to your ${HOME}/.sqliterc file:

```
.load /usr/local/lib/sqlite3/regex.so
```

SEE ALSO
stat(3s) strmode(3s)

The above SQLite user-defined functions are intended for use with **regex**.

AUTHORS
regex was contributed by James K. Lowden