



Linux Ubuntu 22.4.5 Manual Pages on command 'Text::Glob.3pm'

\$ man Text::Glob.3pm

Text::Glob(3pm) User Contributed Perl Documentation Text::Glob(3pm)

NAME

Text::Glob - match globbing patterns against text

SYNOPSIS

```
use Text::Glob qw( match_glob glob_to_regex );
print "matched\n" if match_glob( "foo.*", "foo.bar" );
# prints foo.bar and foo.baz
my $regex = glob_to_regex( "foo.*" );
for ( qw( foo.bar foo.baz foo bar ) ) {
    print "matched: $_\n" if /$regex/;
}
```

DESCRIPTION

Text::Glob implements glob(3) style matching that can be used to match against text, rather than fetching names from a filesystem. If you want to do full file globbing use the File::Glob module instead.

Routines

match_glob(\$glob, @things_to_test)

Returns the list of things which match the glob from the source list.

glob_to_regex(\$glob)

Returns a compiled regex which is the equivalent of the globbing pattern.

glob_to_regex_string(\$glob)

Returns a regex string which is the equivalent of the globbing pattern.

SYNTAX

The following metacharacters and rules are respected.

"*" - match zero or more characters

"a*" matches "a", "aa", "aaaa" and many many more.

"?" - match exactly one character

"a?" matches "aa", but not "a", or "aaa"

Character sets/ranges

"example.[ch]" matches "example.c" and "example.h"

"demo.[a-c]" matches "demo.a", "demo.b", and "demo.c"

alternation

"example.{foo,bar,baz}" matches "example.foo", "example.bar", and "example.baz"

leading . must be explicitly matched

"*.foo" does not match ".bar.foo". For this you must either specify the

leading . in the glob pattern ("*.foo"), or set

`$Text::Glob::strict_leading_dot` to a false value while compiling the regex.

"*" and "?" do not match the separator (i.e. do not match "/")

"*.foo" does not match "bar/baz.foo". For this you must either explicitly

match the / in the glob ("*/*.foo"), or set `$Text::Glob::strict_wildcard_slash`

to a false value while compiling the regex, or change the separator that

`Text::Glob` uses by setting `$Text::Glob::separator` to an alternative value while

compiling the the regex.

BUGS

The code uses `qr//` to produce compiled regexes, therefore this module requires perl version 5.005_03 or newer.

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SEE ALSO

`File::Glob`, `glob(3)`