

**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)