**Git Ignore**

The rules for the patterns you can put in the .gitignore file are as follows:

• Blank lines or lines starting with # are ignored.

• Standard glob patterns work, and will be applied recursively throughout the entire working

tree.

• You can start patterns with a forward slash (/) to avoid recursivity.

• You can end patterns with a forward slash (/) to specify a directory.

• You can negate a pattern by starting it with an exclamation point (!).

Glob patterns are like simplified regular expressions that shells use. An asterisk (\*) matches zero or more characters; [abc] matches any character inside the brackets (in this case a, b, or c); a question mark (?) matches a single character; and brackets enclosing characters separated by a hyphen ([0-9]) matches any character between them (in this case 0 through 9). You can also use two asterisks to match nested directories; a/\*\*/z would match a/z, a/b/z, a/b/c/z, and so on.

Here is another example .gitignore file:

# ignore all .a files

\*.a

# but do track lib.a, even though you're ignoring .a files above

!lib.a

# only ignore the TODO file in the current directory, not subdir/TODO

/TODO

# ignore all files in any directory named build

build/

# ignore doc/notes.txt, but not doc/server/arch.txt

doc/\*.txt

# ignore all .pdf files in the doc/ directory and any of its subdirectories

doc/\*\*/\*.pdf