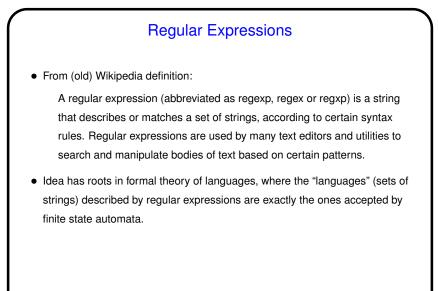


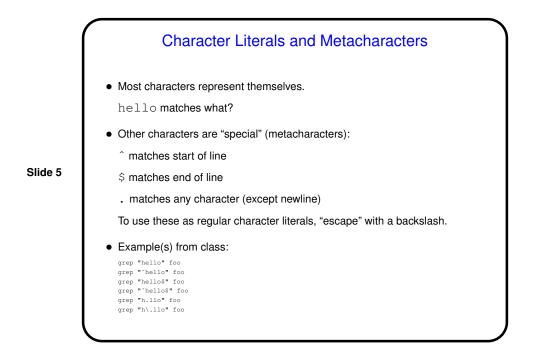
Slide 2

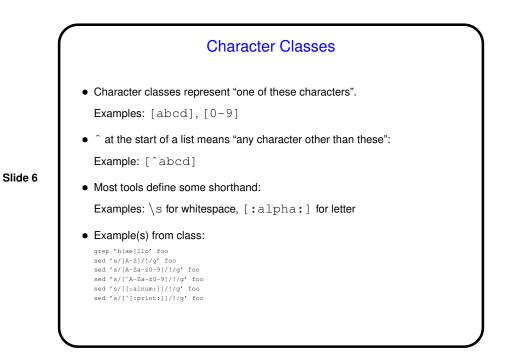


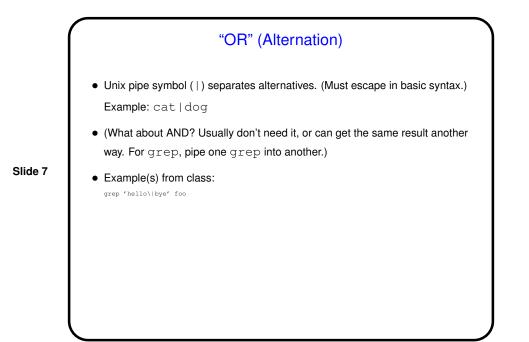
Slide 3

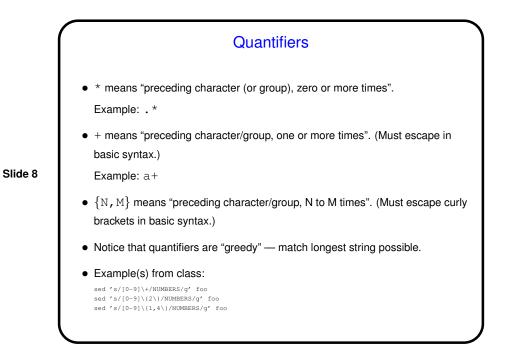
## Pegular Expressions and Unix Tools Tools that use regular expressions include editors and also text-manipulation commands such as grep and sed. Also supported in many programming languages, especially ones for scripting (Perl, Python, bash, etc.). This being Unix, not all the tools accept exactly the same syntax. POSIX defines two standards, "basic" and "extended". Some tools/languages add more. Simple stuff is very similar in all versions, fortunately. Key difference — in basic syntax, must precede many special characters with "escape character" (backslash). Also notice that to keep shell from doing its thing with your regular expressions (which generally you don't want), must enclose in single or double quotes.

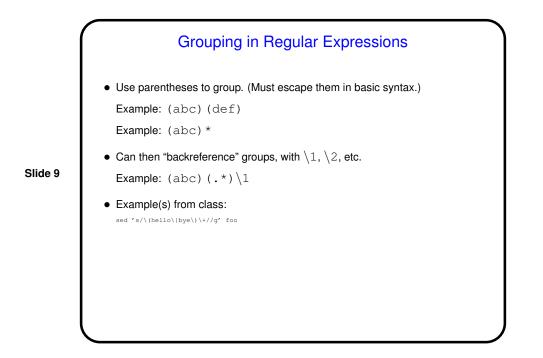
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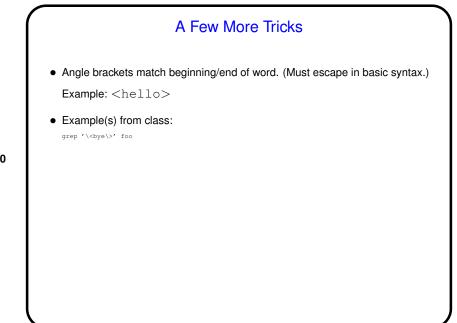




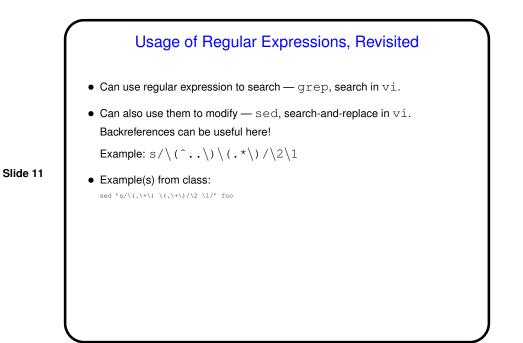








Slide 10



## Where to Learn More man and/or info pages for sed, grep; info page for regex. Online help for vim. Books and online references/tutorials ... Useful advice from vim's help: Which of these should you use? Whichever one you can remember. There are also programs that offer a GUI-ish environment for trying things out. I've installed a couple in my home directory /usera/bmassing/Pgms/regexp/regex-coach /usera/bmassing/Pgms/regexp/visual\_regexp-3.0/visual\_regexpl.tcl

