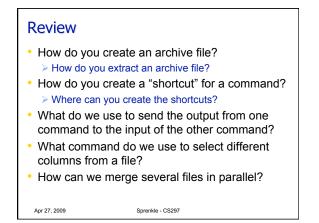
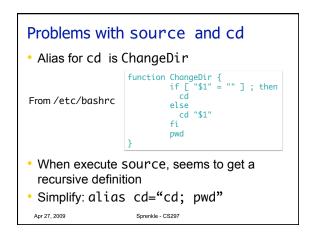
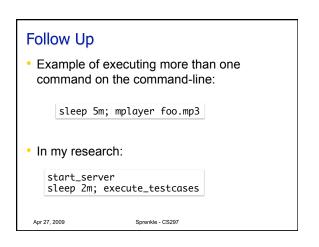
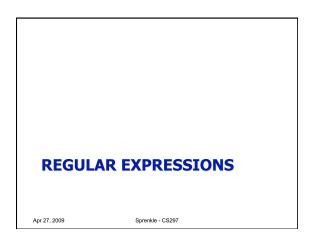
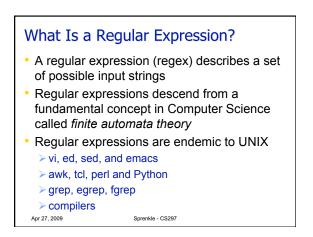
Objectives • Regular Expressions • Combining Commands → backtics Apr 27, 2009 Sprenkle - CS297

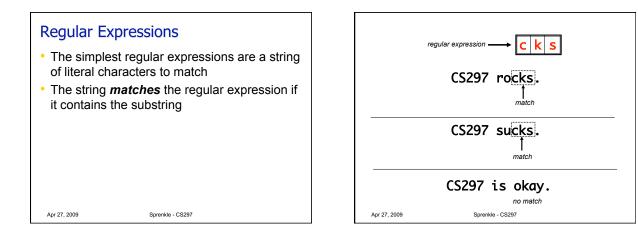


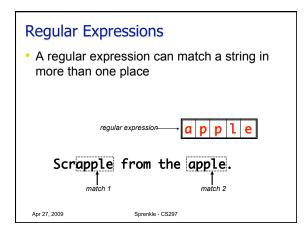


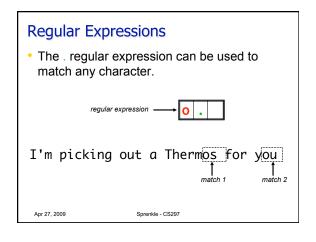


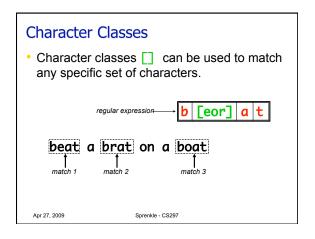


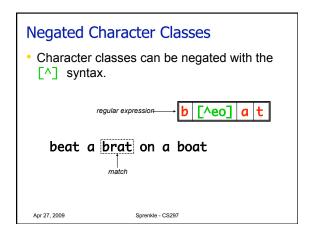


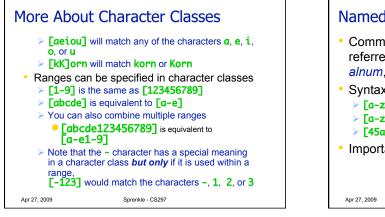


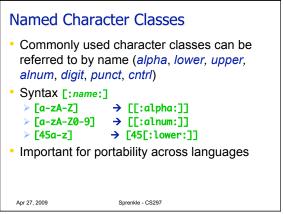


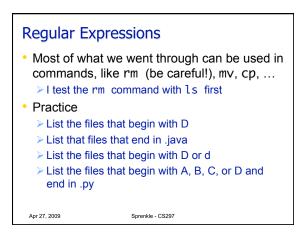


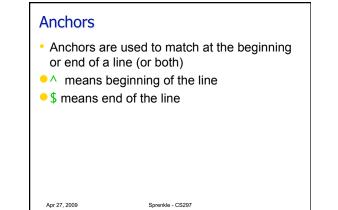


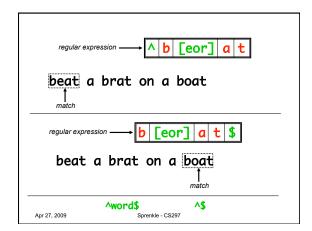


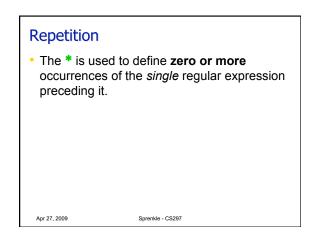


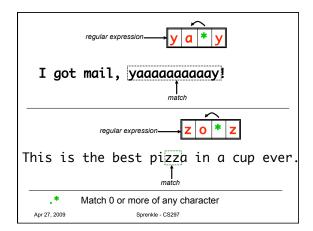


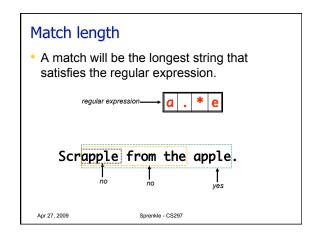


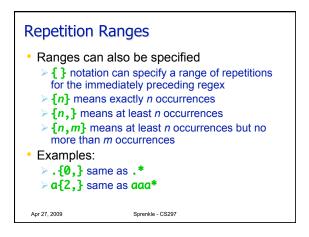


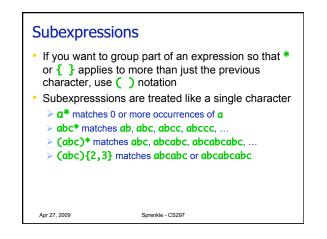














- grep comes from the ed (Unix text editor) search command "global regular expression print" or g/ re/p
- This was such a useful command that it was written as a standalone utility
- Use *grep* when know you want the file that contains a specific phrase but you can't remember or don't know its name

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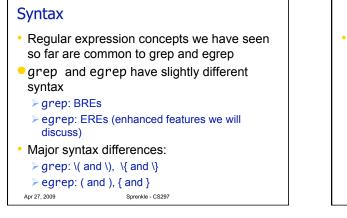
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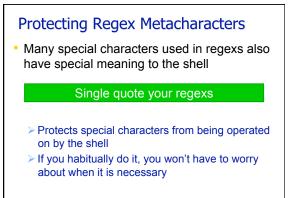
Family Differences grep - uses regular expressions for pattern matching fgrep - file grep, does not use regular expressions, only matches fixed strings but can get search strings from a file egrep - extended grep uses a more powerful set

- egrep extended grep, uses a more powerful set of regular expressions but does not support backreferencing, generally the *fastest* member of the grep family
- agrep approximate grep; not standard

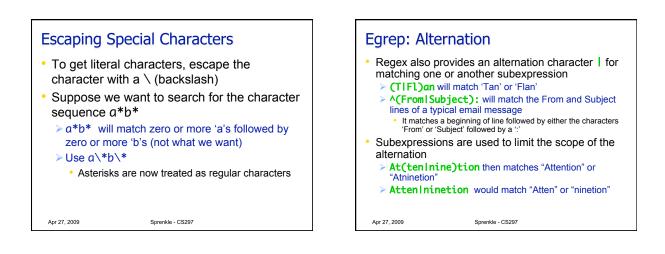
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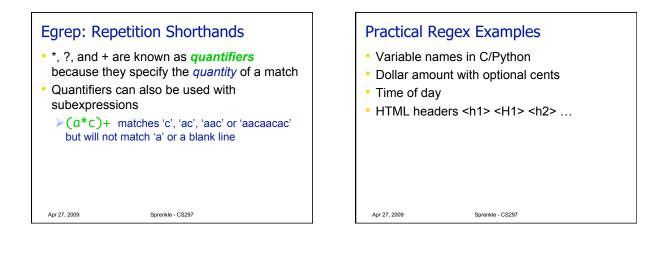
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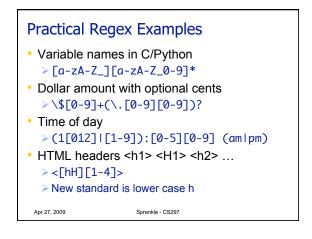


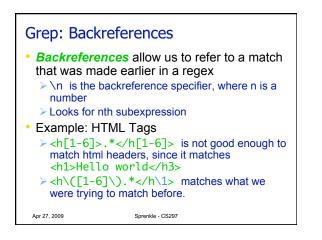
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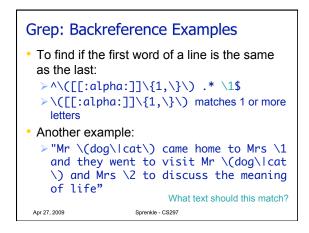


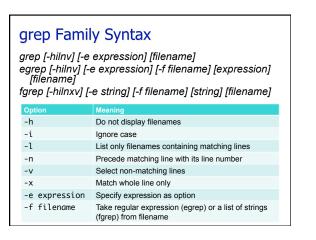


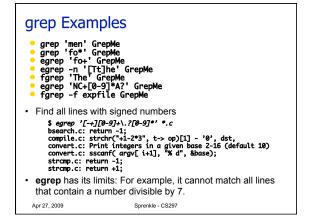


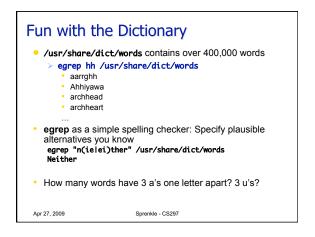


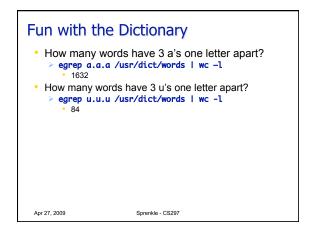


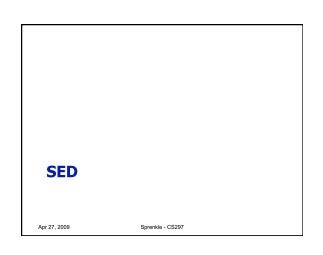


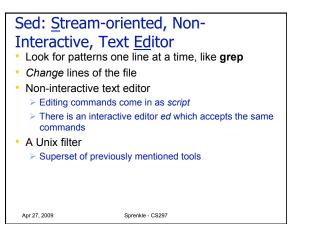


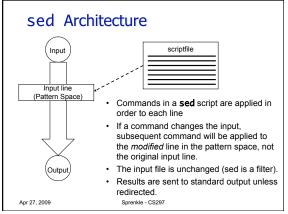


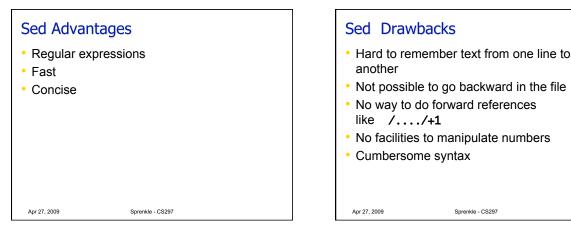


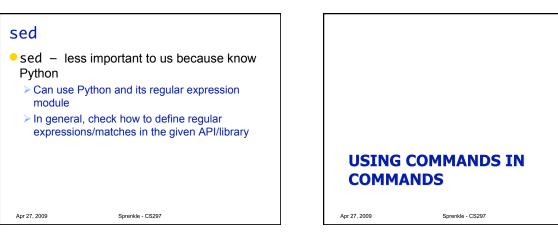




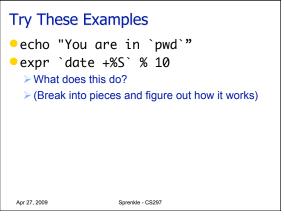












Problem

- Recall the problem with my access log files: wanted the access logs in time order
- > Our solution: cat access_log{.4, .3, .
 2, .1, } > expected
 > Another solution using backticks?

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Problem	
wanted th > Our solu 2, .1, > Another • cat	e problem with my access log files: ne access logs in time order ution: cat access_log{.4, .3, . } > expected solution using backticks? `ls -r access_log*` > actual Get the files in reverse order
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