

# EVAL

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## The Eval Command

- Used to have Bash evaluate a string.
- Makes a "second pass" over the string and then runs it as a command.
- Runs "data," in effect, so be careful about providing a way for arbitrary code execution.
- `c="ls | tr 'a' 'A'; $c # doesn't work`  
`eval $c # works`  
<http://mywiki.woledge.org/BashFAQ/048>

## The Getopt command

- `getopt` is used to process command-line options.
- Option names, long and single letter, are specified and whether they take an argument.



# The Getopt command

- `opts=`getopt -o a: -l apple -- "$@"``

Option a, long form `-apple`, takes an argument.

Getopt prints the parsed arguments.

`$@` is the Bash variable for list of parameters passed.

`--` used to mark end of processing.

