! dumb (II) tricks (you never knew)



output: input recipe

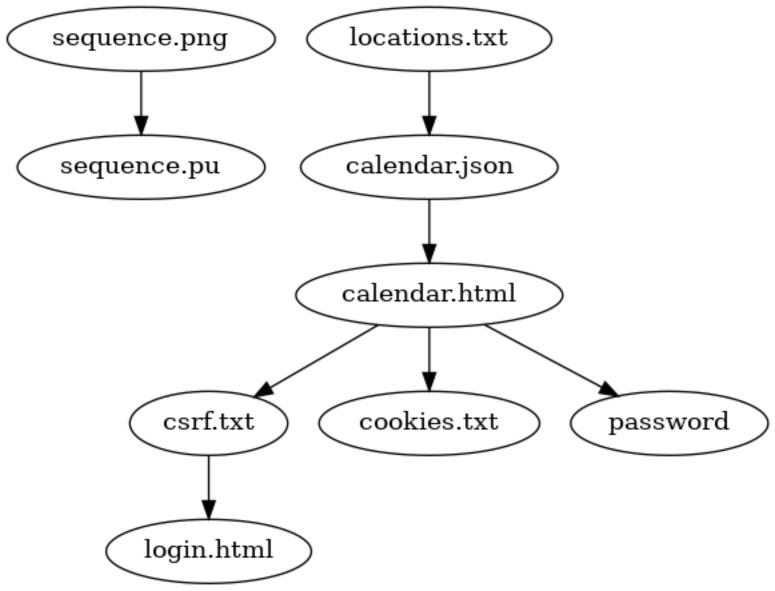
25 % is a wildcard

## Scraping RC Calendar For Fun And Profit

Web browser www.recurse.com GET /calendar 302 to /login **GET** /login 200 with CSRF token POST /session (with CSRF token) 302 /calendar GET /calendar 200 with the goods

Web browser www.recurse.com

```
Makefile
               Thu Apr 04 16:01:06 2019
# also send a email and password. Note the email is substituted with the
# variable specified at the top of the file.
calendar.html: cookies.txt csrf.txt password
        curl -fsSL -o calendar.html -b cookies.txt https://www.recurse.com/sessions -F email=$(EMAIL) -F 'password=<password=
rd' -F 'authenticity token=<csrf.txt'
# To get the JSON embedded in the HTML, we need to unescape some HTML entities.
# We do this using 'sed', which can substitute text using regular expressions.
calendar.json: calendar.html
        grep RC.Calendar calendar.html | cut -d\" -f4 | sed -e 's/"/"/g' -e 's/&/\&/g' -e 's/</</g' -e 's/&qt;
/>/q' -e "s/'/'/q" > calendar.json
# Python comes with a built-in 'json.tool' pretty printer! To get the frequency
# of conference rooms, 'grep' to look for occurrences, then 'sort | uniq -c'
# to get a count of how many times each room appears, then numerically 'sort'
# and 'tail' to the 4 lines that are relevant for us.
locations.txt: calendar.json
        python -m json.tool calendar.json | grep -e Sammet -e Hopper -e Turing -e Presentation | sort | uniq -c | sort -n
tail -n4 > locations.txt
# 'dot' is a command in Graphviz, which renders graphs from text files. Here we
# use it to generate a dependency graph of a subset of this Makefile.
%.png: %.dot
        dot -Tpnq -o $@ $<
# 'enscript' turns text into images (PostScript to be specific).
%.ps: %
        enscript -rp $@ $<
%.ps: %.txt
        enscript -rp $@ $<
# These rules turn images into PDFs.
%.pdf: %.ps
       ps2pdf $< $@
%.pdf: %.pnq
        convert $< $@
# Make the slides by concatenating all the PDFs together! 'pdfunite' is part of
# poppler.
slides.pdf: a.pdf b.pdf seq.pdf Makefile.pdf dep.pdf locations.pdf y.pdf z.pdf
        pdfunite $^ $@
# Python includes an HTTP server! If you are using Python 2, the command is
# 'python2 -m SimpleHTTPServer'.
```



locations.txt	Thu Apr 04 16:06:43 2019 1
12	"name": "Turing - Recurse Center"
35	"name": "Hopper - Recurse Center"
100	"name": "Sammet - Recurse Center"
140	"name": "Presentation Space - Recurse Center"

(maseMajick) a python -m ison.tool make curl o dot of cgraphviz) of python3-m http.server plantuml man ascii http://10.0.17.177:8000/slides.pdf

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http://github.com/yoyoyojomo/dumb-cli-tricks