CS 59867 - Senior Design II
City College Fall 2022

Week 12:
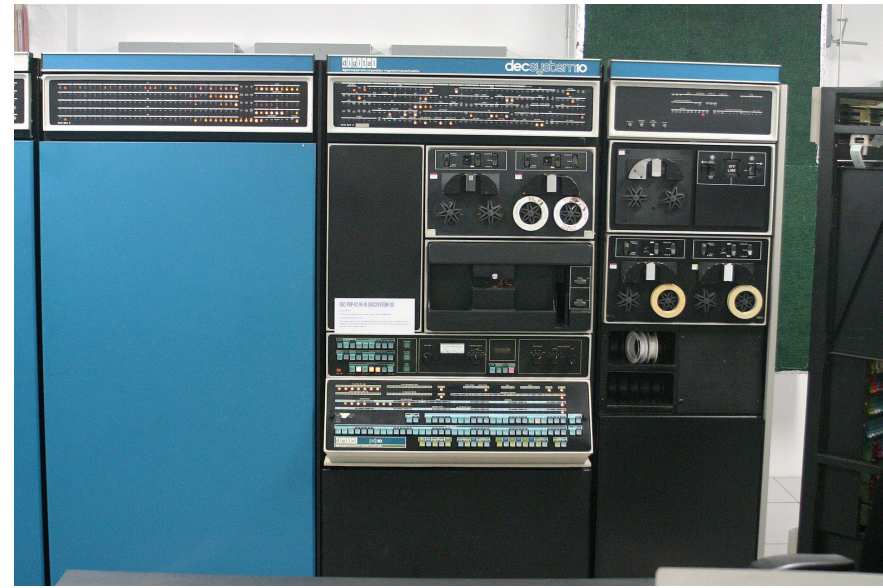**Documentation: README**

What is a README file, and why do we have them?

- Early version (readme.txt) found in 1974; physical might have been earlier

- Early Macintosh had "Read Me" files with operating systems

- Basic text file, with helpful instructions and information - "what someone needs to know"

"Programmable Data Processor," wikimedia

- Let's look @ a couple …

- https://github.com/saharmor/dalle-playground

- https://github.com/ether/etherpad-lite

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README

  Curl is a command line tool for transferring data specified with URL
  syntax. Find out how to use curl by reading the curl.1 man page or the
  MANUAL document. Find out how to install Curl by reading the INSTALL
  document.

  libcurl is the library curl is using to do its job. It is readily
  available to be used by your software. Read the libcurl.3 man page to
  learn how!

  You find answers to the most frequent questions we get in the FAQ document.

  Study the COPYING file for distribution terms.

  Those documents and more can be found in the docs/ directory.

CONTACT

  If you have problems, questions, ideas or suggestions, please contact us
  by posting to a suitable mailing list. See https://curl.se/mail/

  All contributors to the project are listed in the THANKS document.

WEBSITE

  Visit the curl website for the latest news and downloads:

        https://curl.se/

GIT

  To download the very latest source off the GIT server do this:

    git clone https://github.com/curl/curl.git

  (you'll get a directory named curl created, filled with the source code)

SECURITY PROBLEMS

  Report suspected security problems via our HackerOne page and not in public!
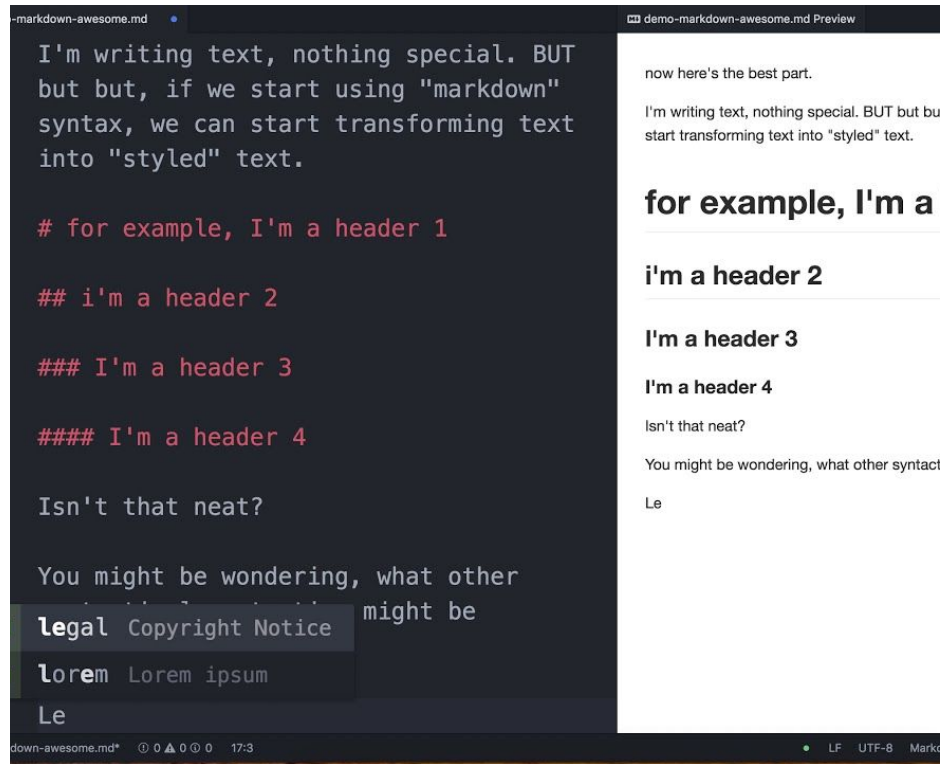
    https://hackerone.com/curl

NOTICE

  Curl contains pieces of source code that is Copyright (c) 1998, 1999
  Kungliga Tekniska Högskolan. This notice is included here to comply with the
  distribution terms.

WHAT IS MARKDOWN?

- Relatively new (2004!) markup language (HTML, XML, YAML)

- Create formatted text in plain-text editors

- https://www.markdownguide.org/cheat-sheet/

- Different "flavors" (github)

Workshop:

- Work in pairs

- https://github.com/matiassingers/awesome-readme

- Choose a few that you are interested in, look for:
  - Features
  - Aesthetics
  - What you like, find useful
  - What you don't like

- Share with partner

- Share with larger group

- … there is no 1 right way, there is no template

- … as a starter: https://github.com/othneildrew/Best-README-Template

- overview: what does your software do? Who might want to use this?
- instructions for accessing your project, if it is hosted online; OR instructions for downloading and installing your project, if it is a local package
- brief overview of the directories and files in your project (what can we expect to find, where?)
- 1 screenshot of front-end design, what users should expect to see
- anything else that you want your user to know (instructions/commands? any extension ideas for developers?)

- Other final project questions?

- https://github.com/mab253/designII-fall2022/blob/main/assignments/final.md