

# GNU Hackers Meeting 2020



## **Libtextstyle Recent and future work**

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# (GNU) Libtextstyle

- Easy way of styling of text sent to stdout
- The programmer defines styling classes
  - e.g. integer, comment, warning, errorand activates these classes for specific output operations.
- A style file (CSS) translates these styling classes to text attributes (color, font attributes, underlining).
- Currently part of GNU gettext.  
Will be proposed as a GNU package.



# Major features

- Text attributes are restored when the program is interrupted (Ctrl-C, Ctrl-Z).
- Users can create and use their own style files.
- Support for hyperlinks
  - connects a run of text with a URL
  - gnome-terminal  $\geq$  3.26, KDE konsole
  - most useful with an app: URL protocol



# Data pretty-printer



- Make structured data more readable by inserting white-space in specific places
- Controlled through a C API, that is orthogonal to the C API for styling classes