

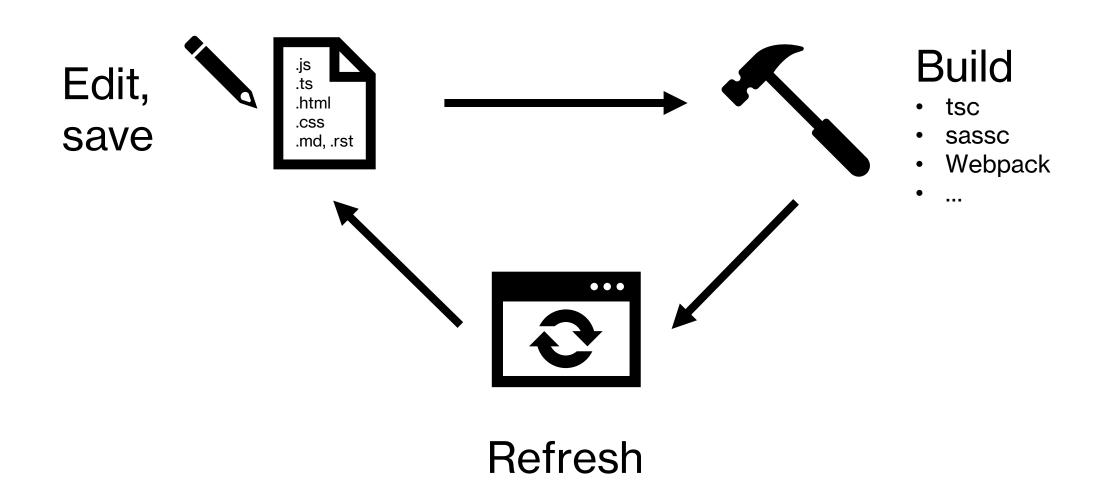
# Livereload The secret to preserving your F5 key

Martin Cejp CERN, SY-EPC-CCS

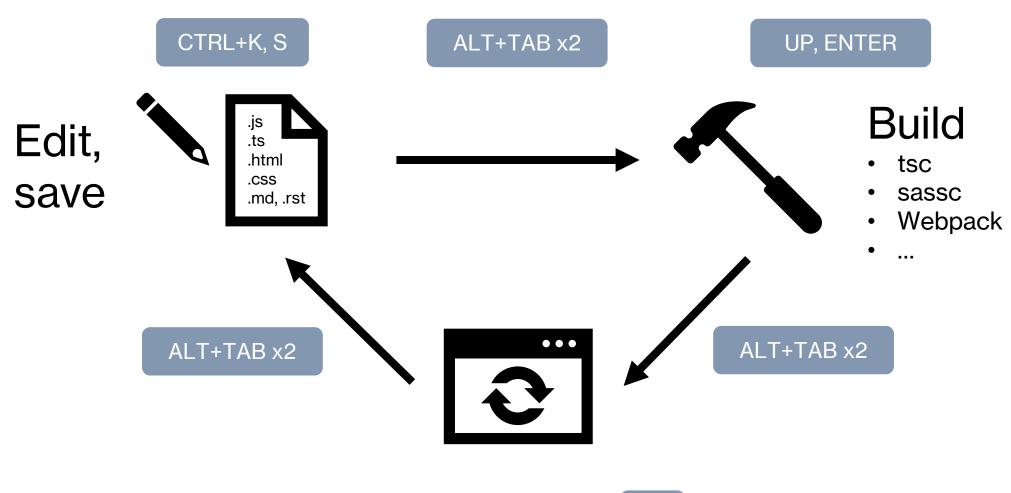
CERN IT Lightning Talks #23

11 November 2022

# A typical web development workflow



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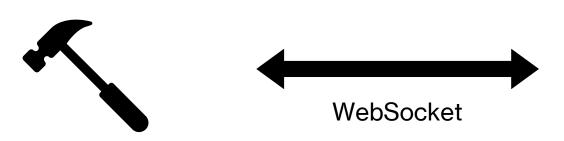
Refresh F

# Livereload ecosystem

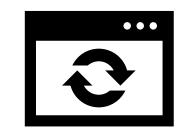


- Something watching the files
- Something in the browser

## Livereload ecosystem



TODAY

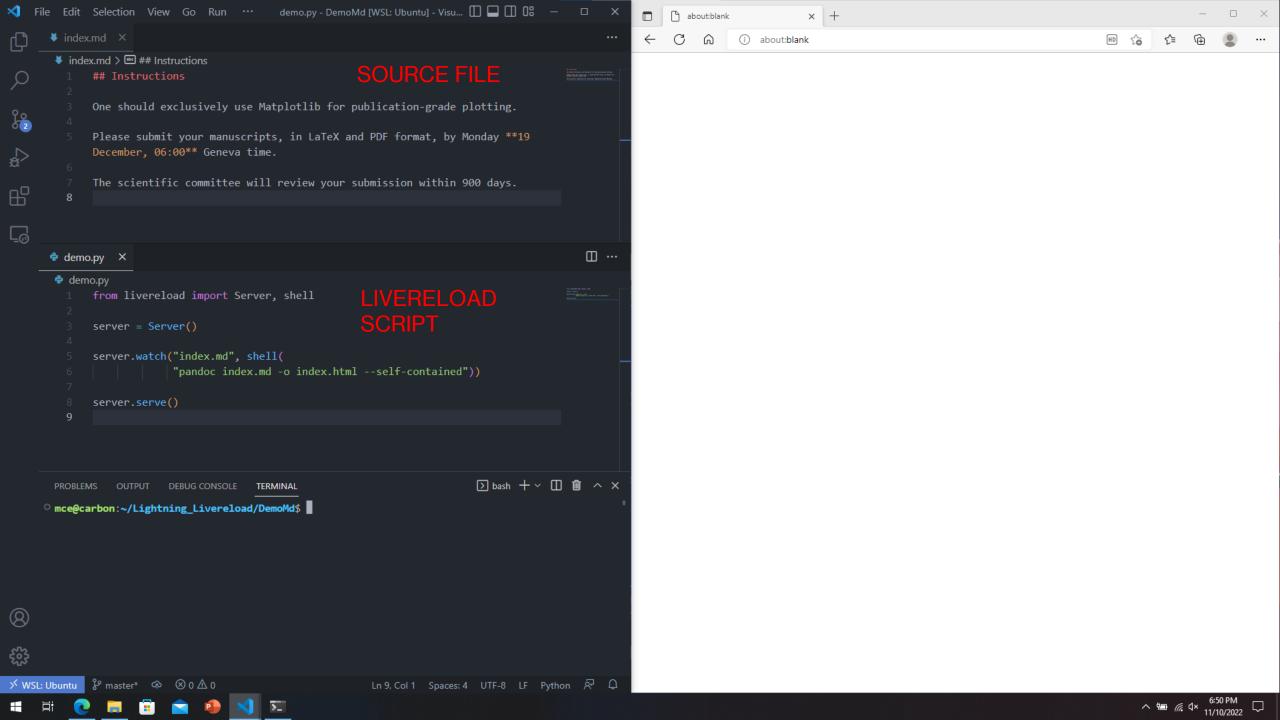


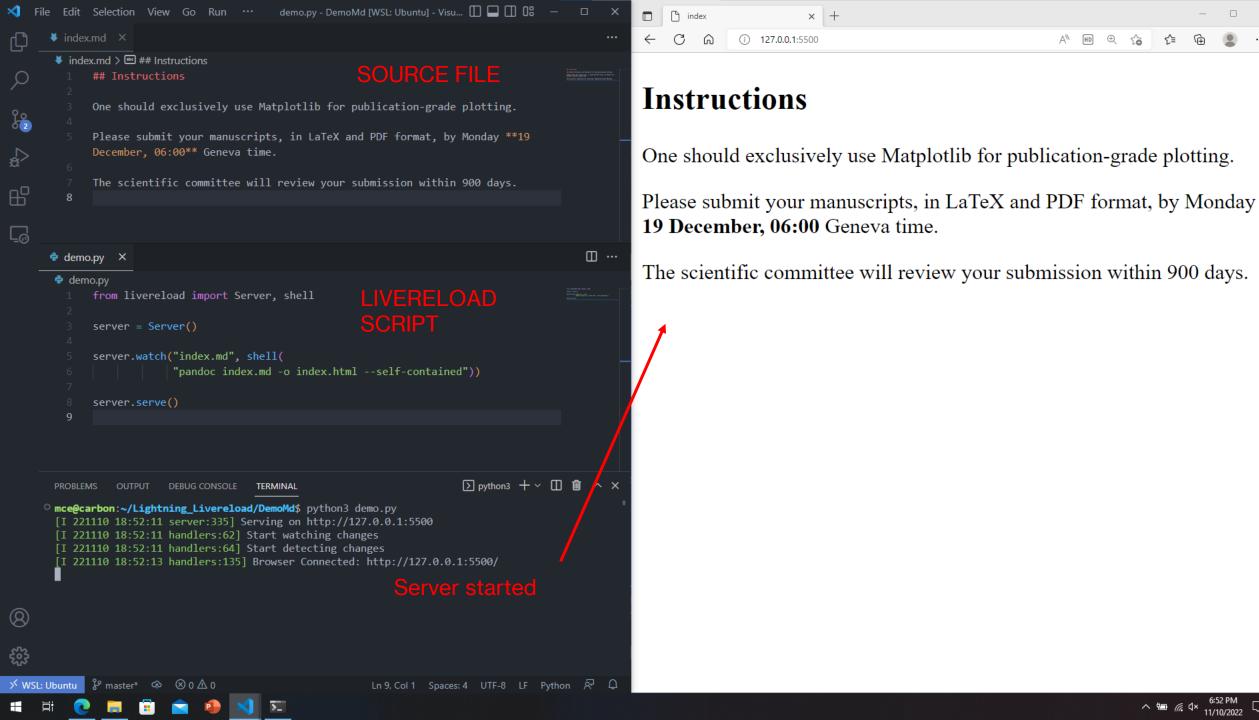
- Something watching the files
  - original Windows/Mac app

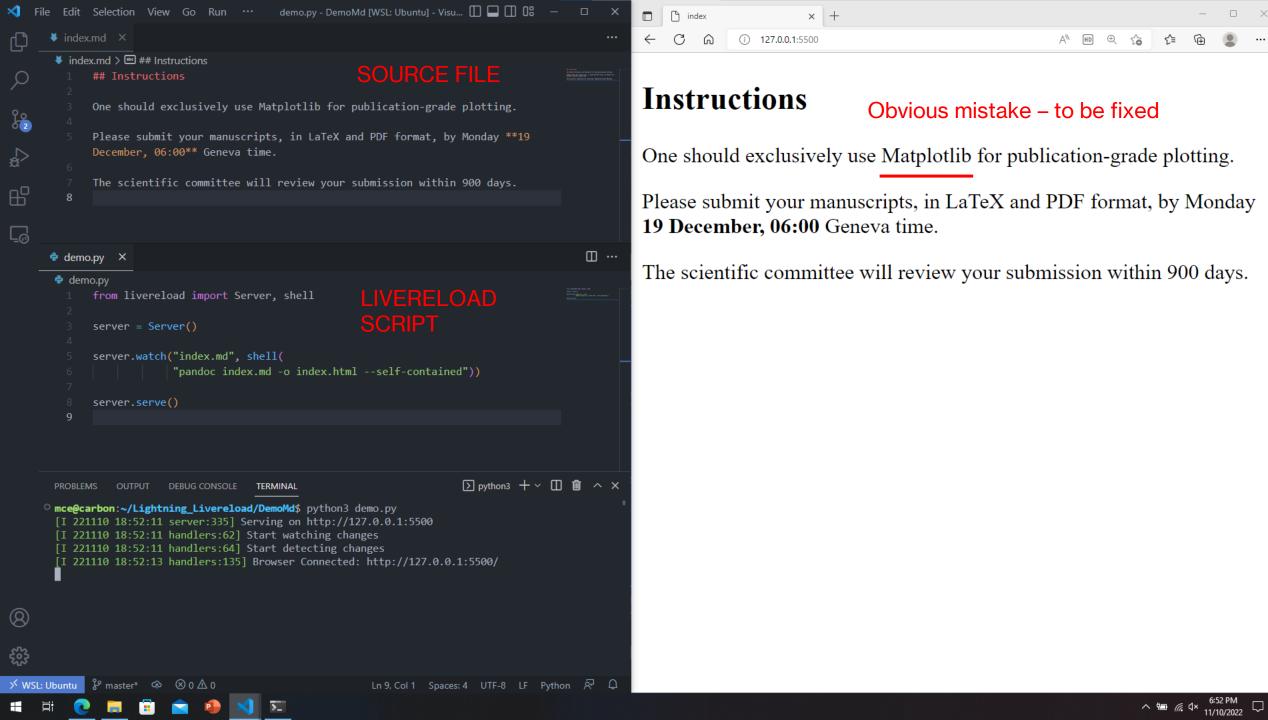
  - python-livereload
  - grunt plugin
  - gulp plugin
  - Sublime Text plugin
  - node-livereload

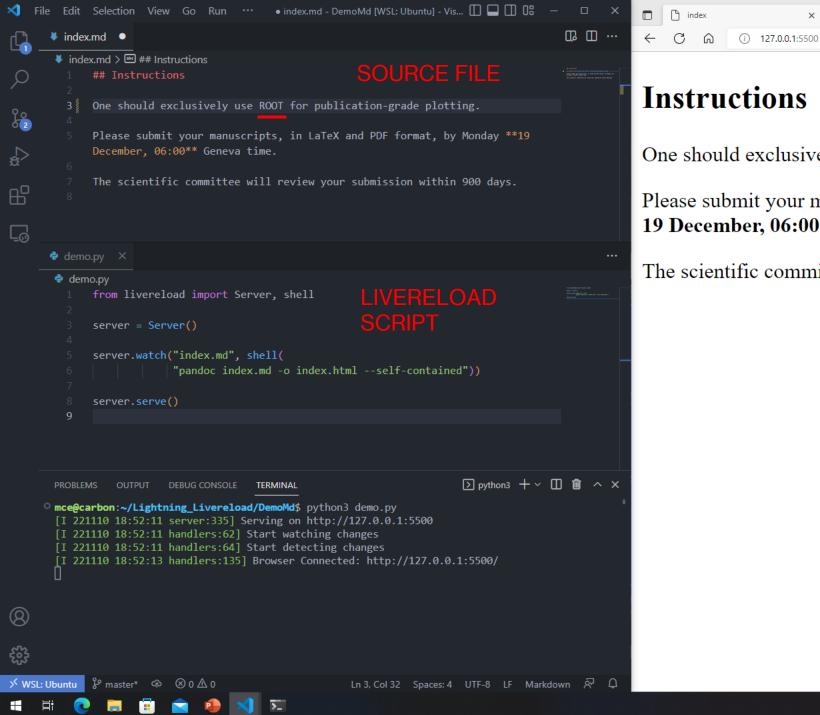
- Something in the browser
  - browser extension
- <script> tag in page head

# DEMO #1







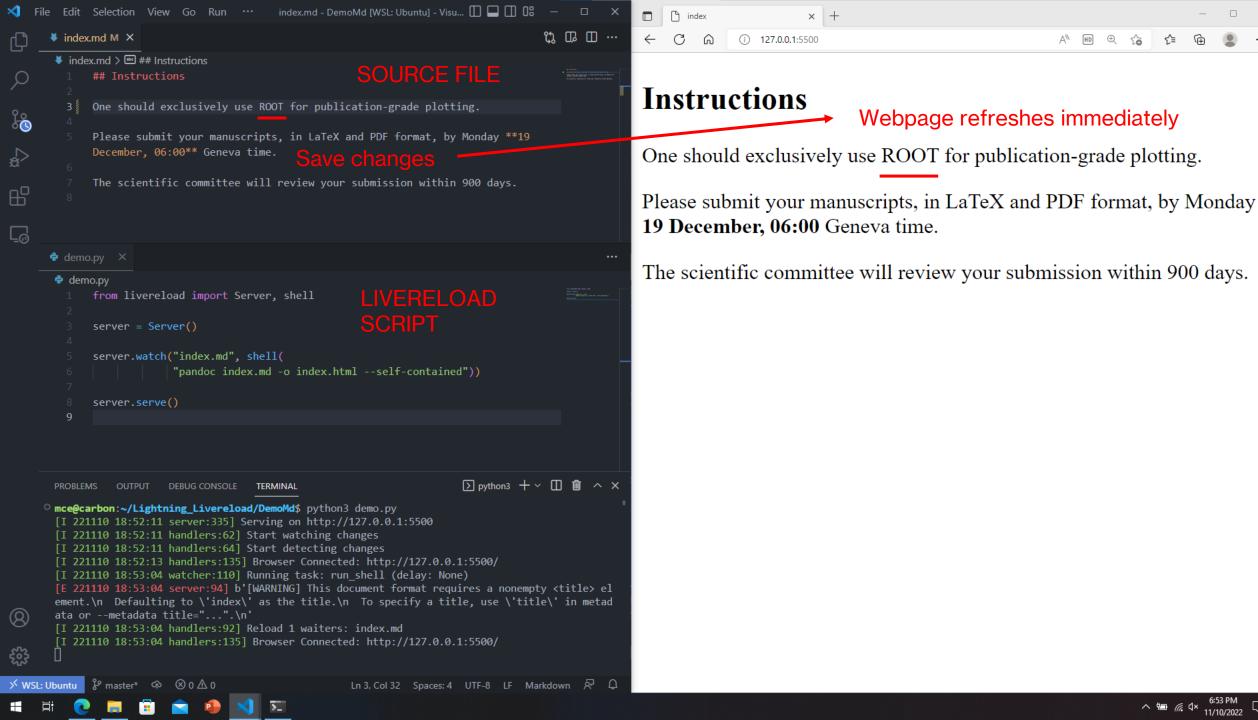


Obvious mistake – to be fixed

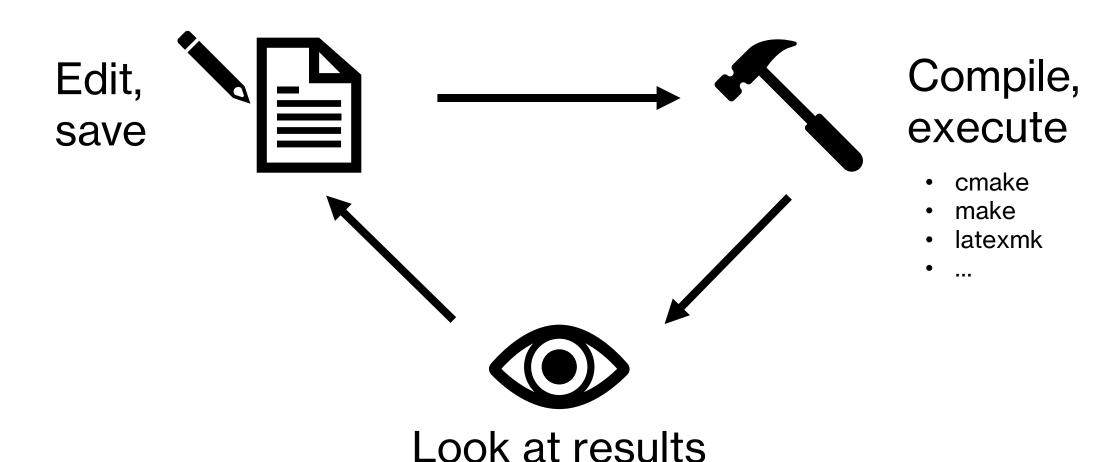
One should exclusively use Matplotlib for publication-grade plotting.

Please submit your manuscripts, in LaTeX and PDF format, by Monday 19 December, 06:00 Geneva time.

The scientific committee will review your submission within 900 days.

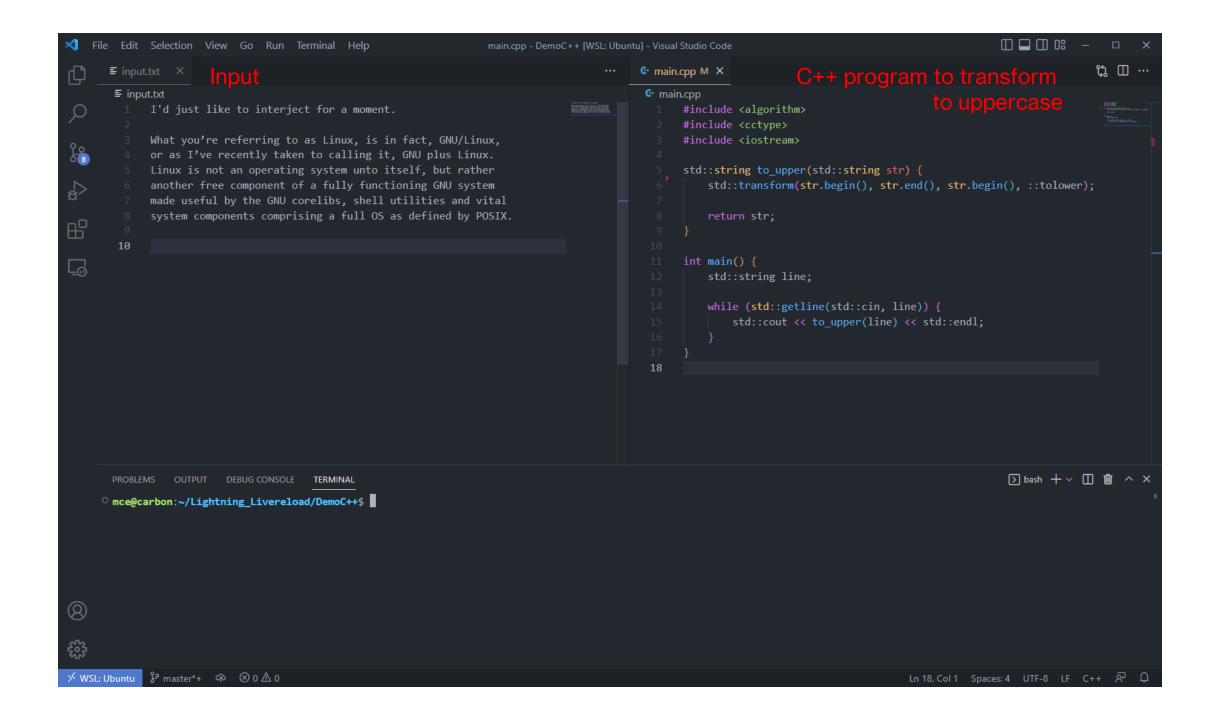


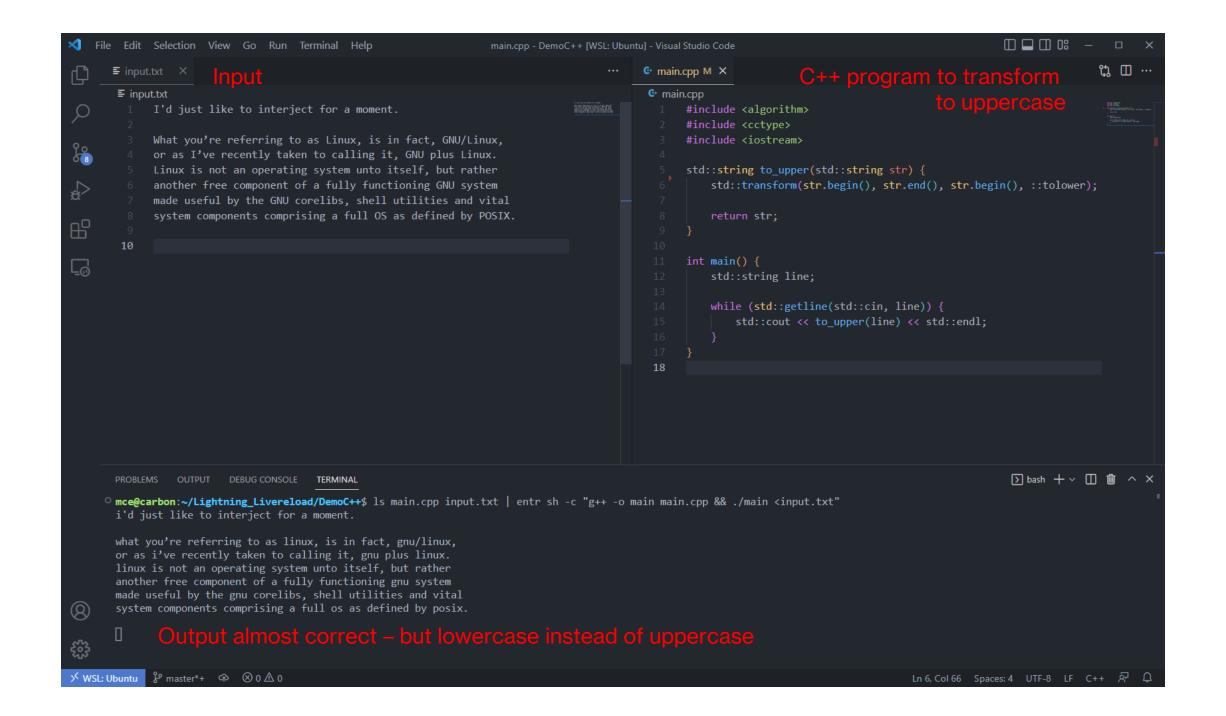
#### What about non-web workflows?

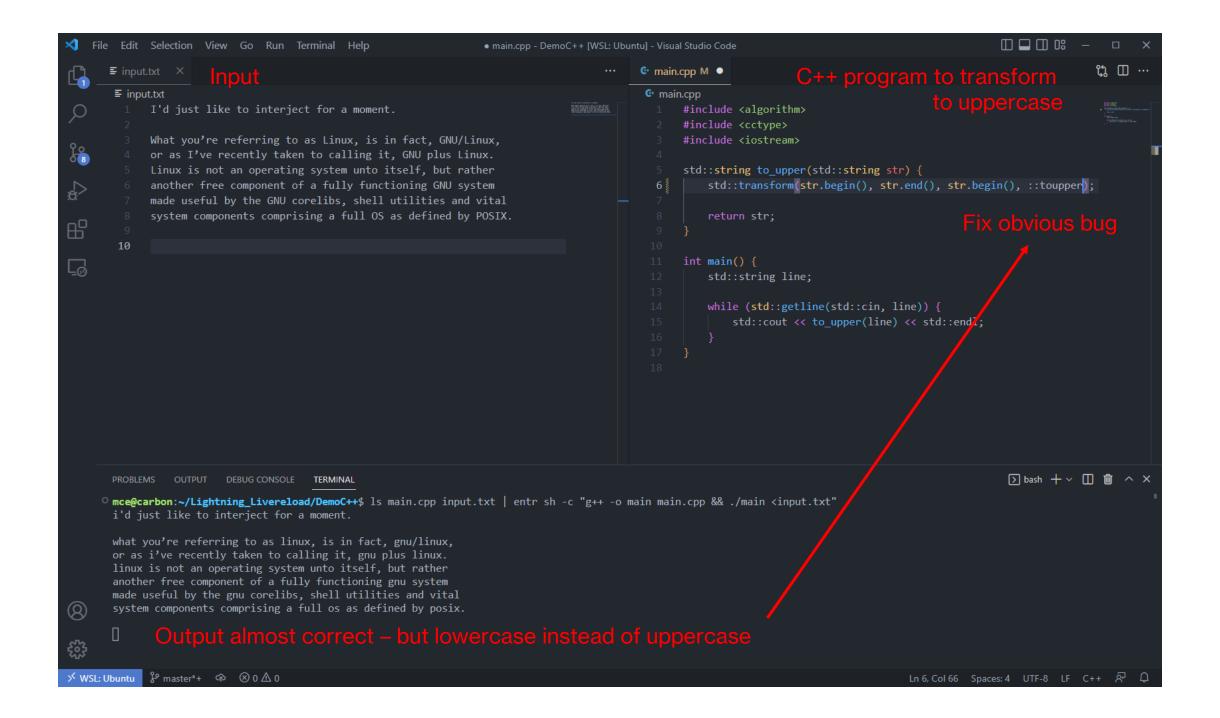


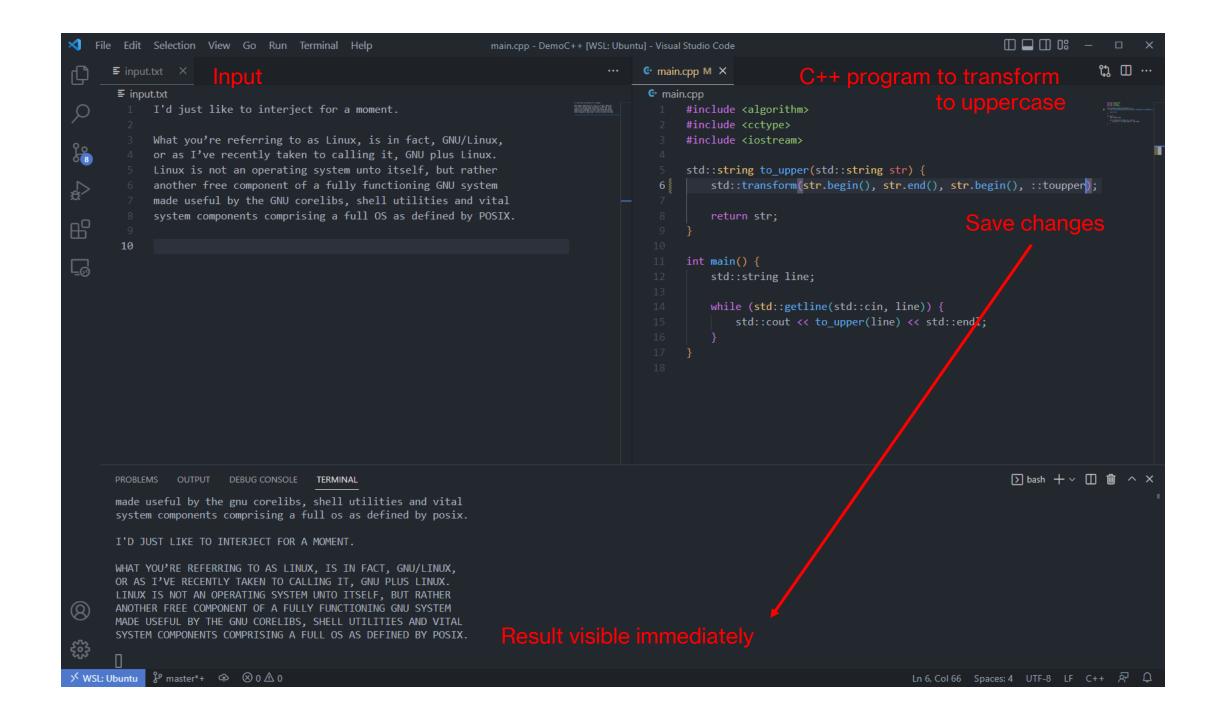
console output, PDF viewer, beam in particle accelerator...

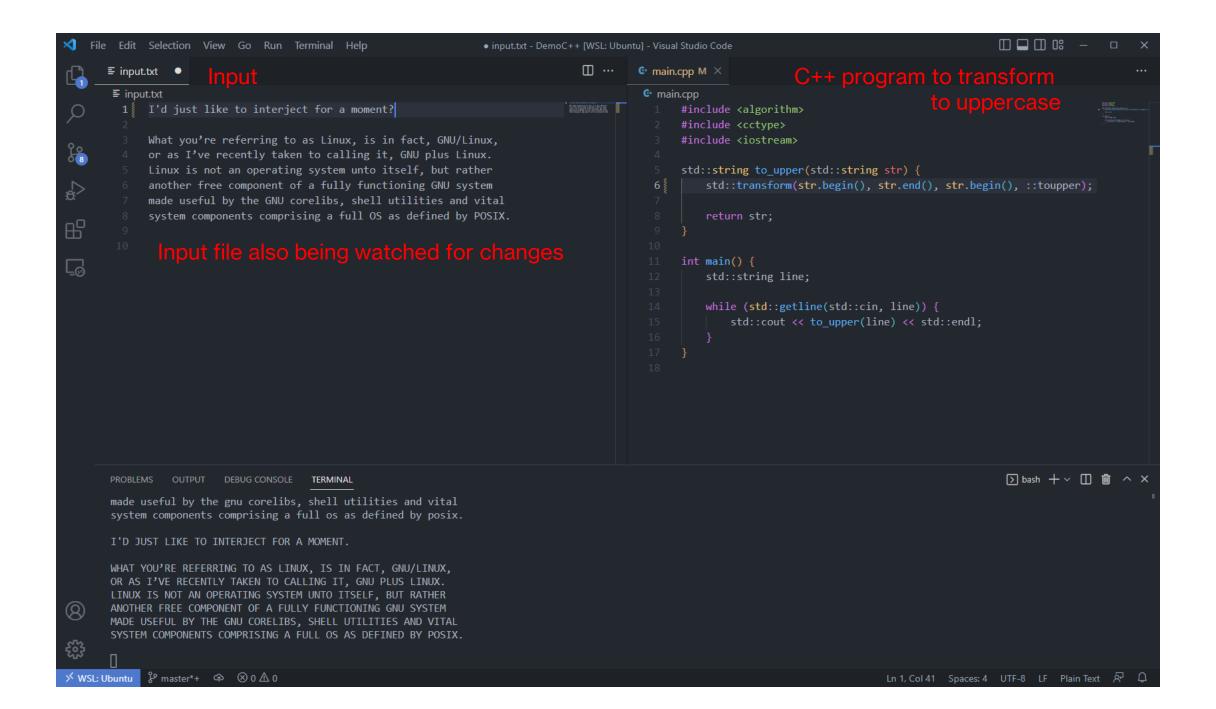
# DEMO #2

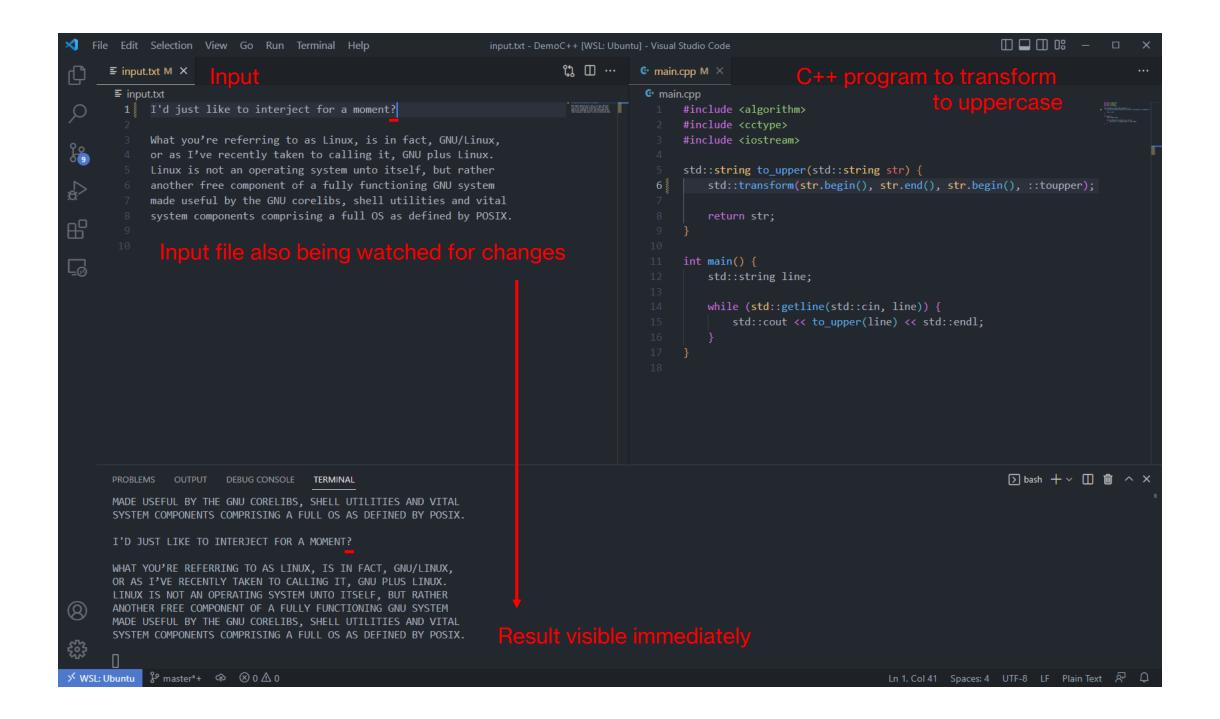












### FAQ + References

- Q: Doesn't Webpack, vue-cli, \_\_\_\_\_ already do this out of the box?
- A: Yes, and probably better (google: "Live Module Reload") but not everyone is using those tools.
- https://rtpg.co/2021/02/15/livereload.html
   main inspiration for this talk
- https://github.com/livereload/livereload-js
- https://github.com/lepture/python-livereload
- https://anarc.at/blog/2019-11-20-file-monitoring-tools/