

Performance

Why bother

Possible bottlenecks

Measurements

Examples

CONTEXT 2017 Maibach

- because we don't want to waste time waiting
- because I get tired of ignorance related complaints
- because it (sometimes) can be a nice puzzle to improve performance
- because it occasionally reviewing makes code better

Why bother

- starting up
- loading fonts
- processing features
- applying trickery
- enabling tracing

- fonts
- LUA
- images

Possible bottlenecks

- how long does a run take
- how does the number of pages matter
- how many runs are needed

- start-up time
- processing pages
- finishing the document
- the console used

Measurements

- see [onandon-performance.pdf](#) for timings
- you can try `--timing` to see where LUA spends it time
- analyzing with `--profile` can give some indication (but is slow)

Examples