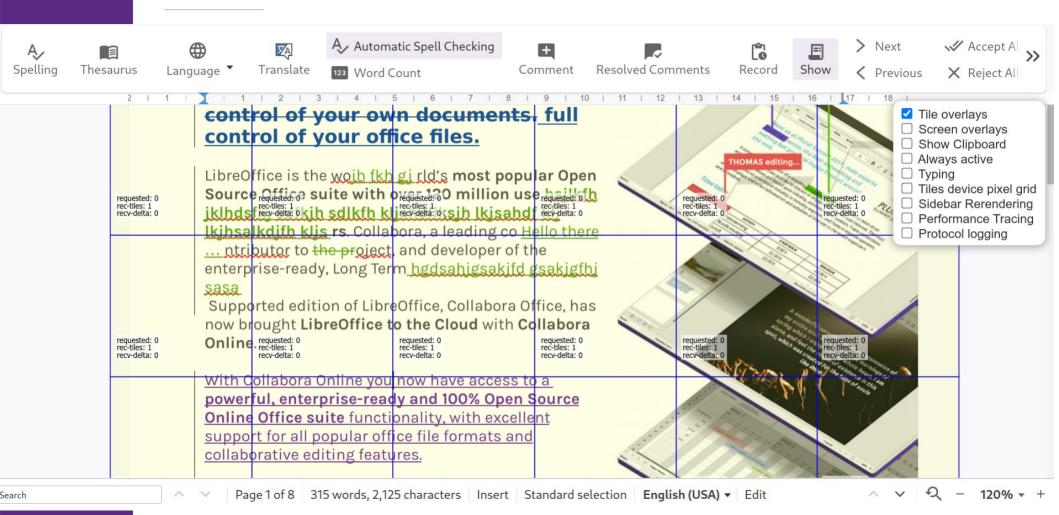
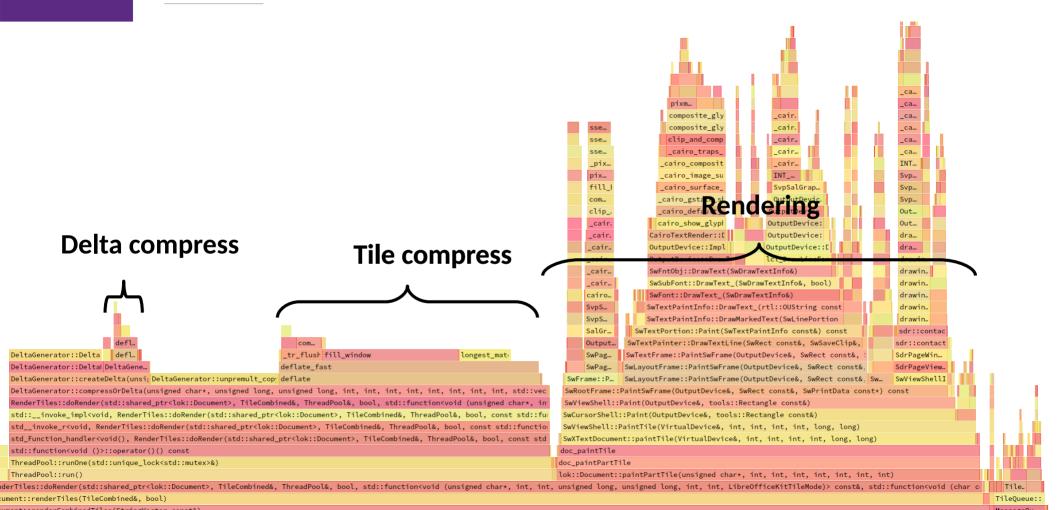


Documents as tiles:



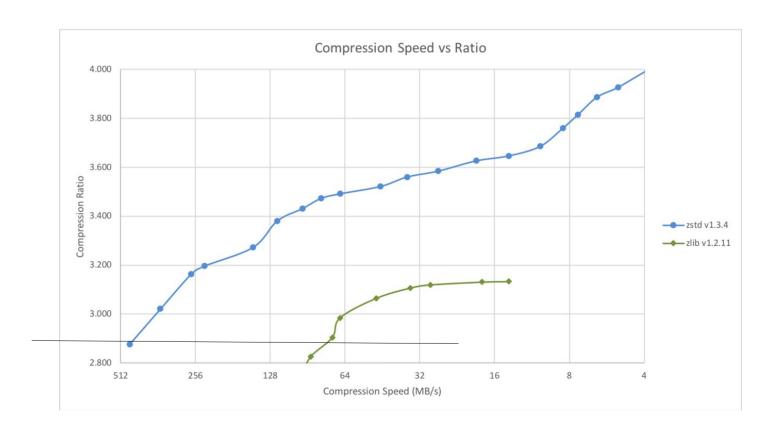
Tile compression is significant:



Faster (zstd) tile compression

Thanks to Facebook for a better zlib.

~5x lower CPU load for tile compression.





Current status

Status...

- Pull request on github
 - Compresses Deltas
- Blockers:
 - iOS & Android porting ...

Thanks to:

• Henry Castro – zstd / JS integration.



What we can do next...

Future work:

- Faster & far more efficient with a dictionary:
 - Build ship & cache that in the client browser cache

Shared messages:

- Tiles (& deltas) are shared between all users.
- Can compress larger / shared messages vs. dictionary
 - JSON / uno status etc.

