

17-717-232

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Keywords: Demo, Performance testing, Statistics, Tooling

Overall Progress: 4

Activities completed:

- Demo improvements:
 - Various stuff needed to be fixed for the demo-frontend service. These fixes combined with visual improvements enhance the UX
- Demo New Features:
 - Demo Statistics: In a new tab, detailed timing information of the highlighting performance is displayed. This provides value to the user and allows for performance analysis for the dev team.
 - Benchmark files: The ability to load benchmark files allows to test the performance in a standardized way. The generation of a plot helps for documentation purposes.
 - Performance mode: To prevent a slow-down of the frontend due to high load, a performance mode can be activated to reduce the visual display to the minimum. Mainly intended for testing purposes.
- Performance testing:
 - I fiddled around with multithreading python application to observe the performance gains.
- Documentation:
 - As an ongoing task, some documentation has been added

Current activities:

- Documentation.

Goals or Activities for next deliverable:

- Documentation.
- Revisit multithreading performance analysis

Immediate attention: -

General remark: Some issues popped up, but none are of critical concern for the outcome of the project. Documentation was shifted to last project phase, so that we can focus on stabilizing the application.