

knoto

project retrospective

philip gerdes

first term project — alex walmsley — wise 24 25

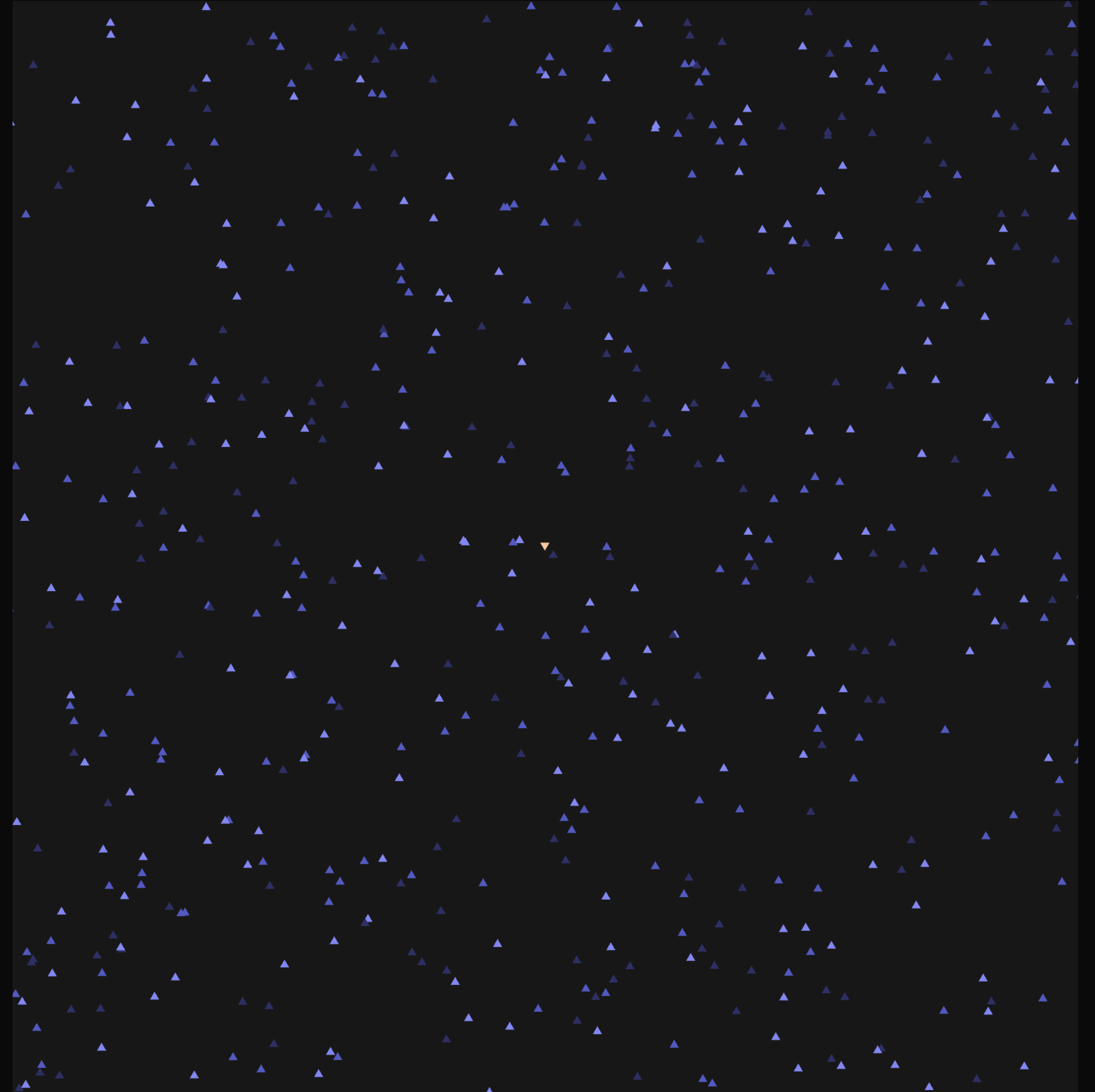
filmuniversity babelsberg konrad wolf

content

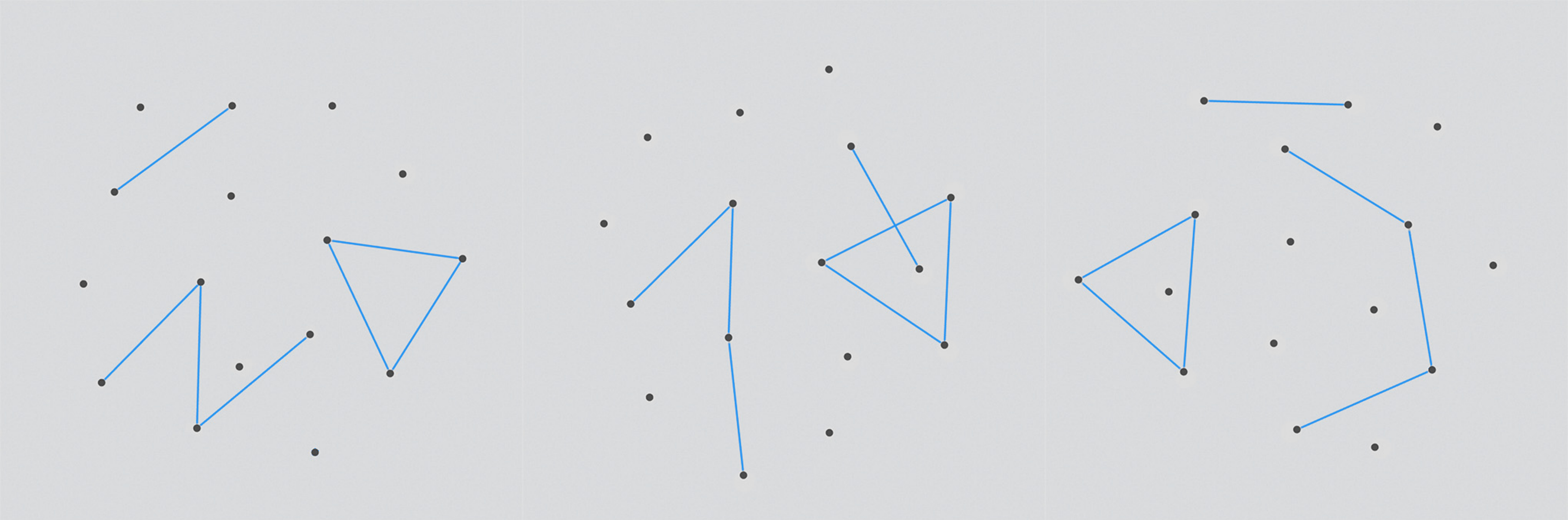
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about knoto

spatial knowledge organization

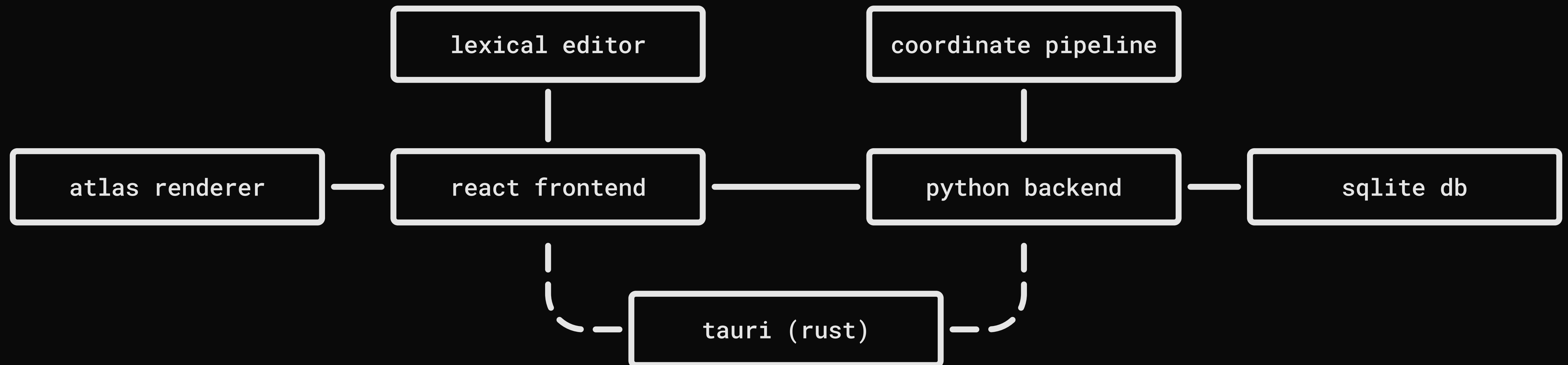


motivation

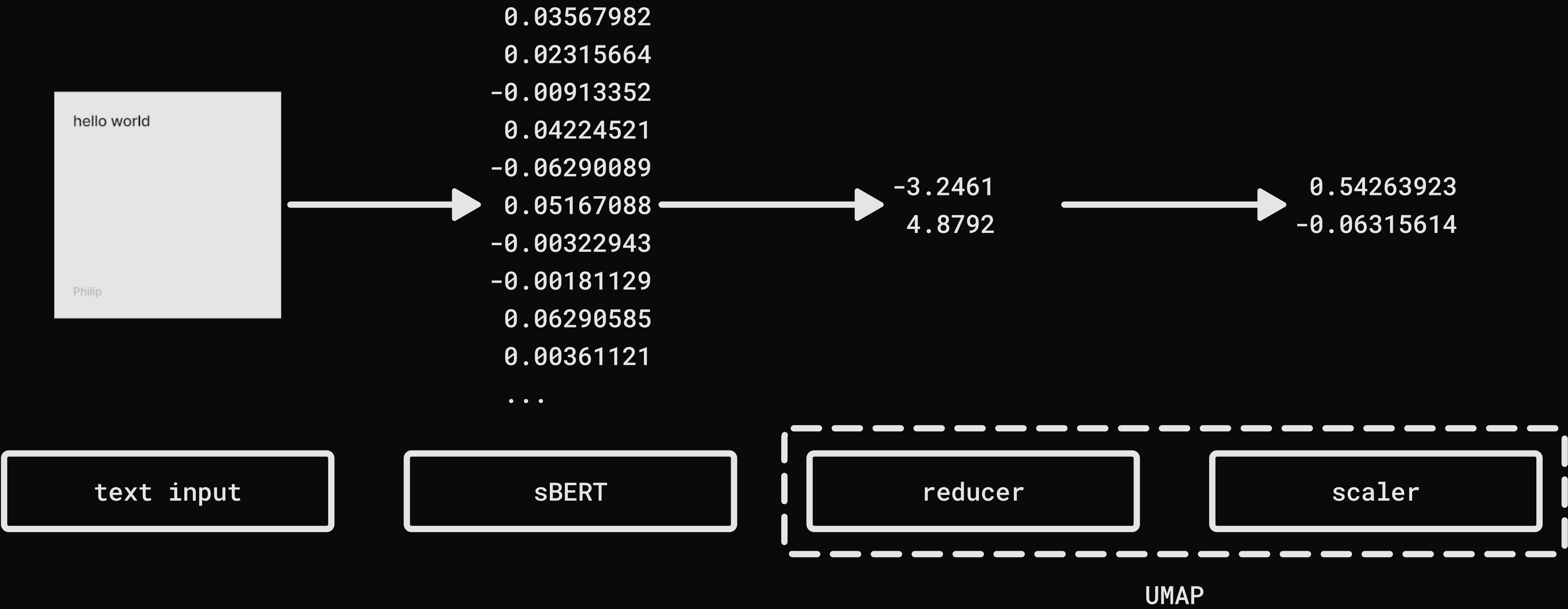


how does knoto work

system diagram

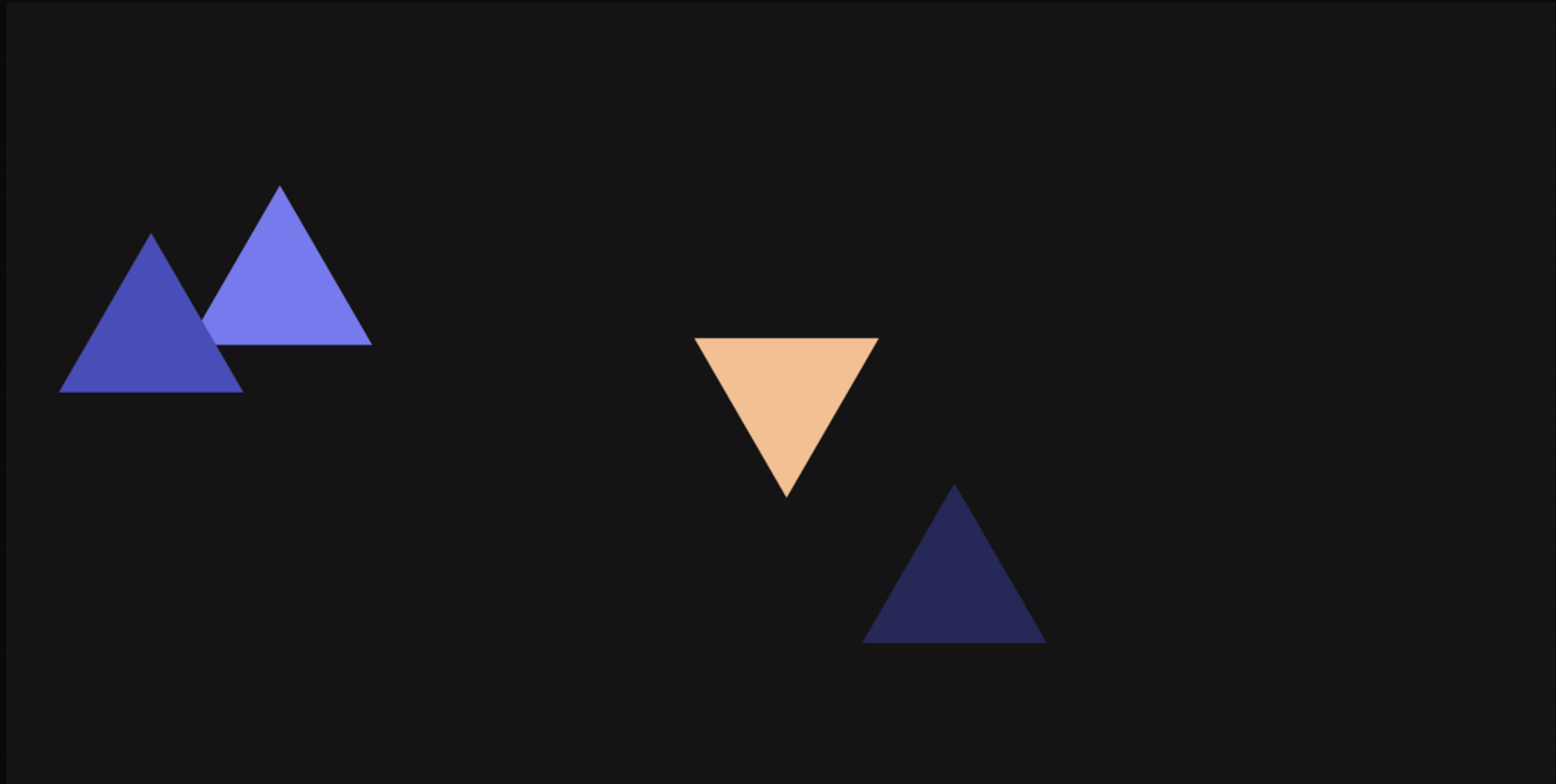


coordinate generation

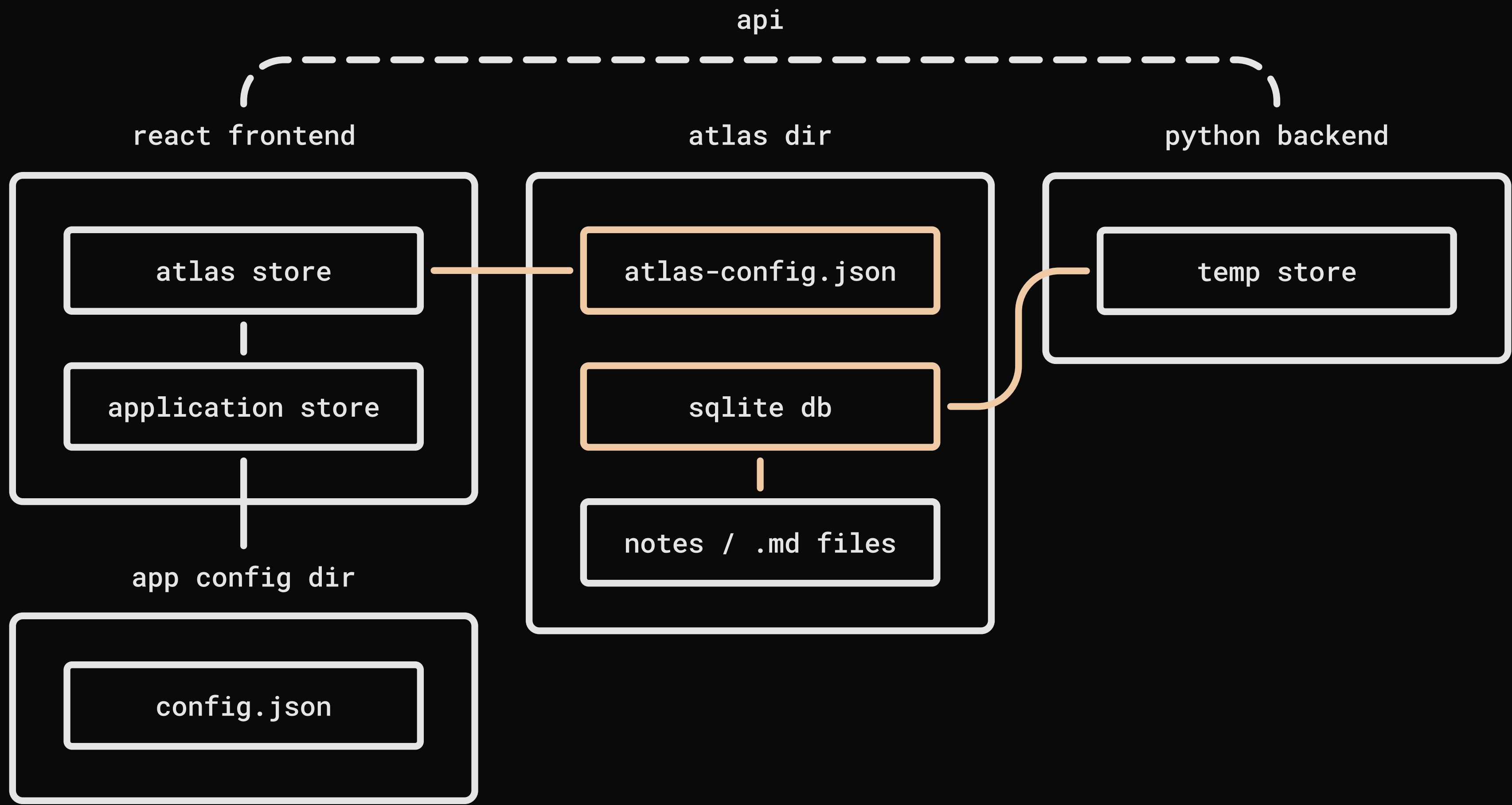


challenges with knoto

map rendering



data persistence



learnings

- timefactor filesystem
- hardware support degradation (macOS)
- getting lost in details
- too much emphasis on dx

knoto demo

baseline

- multiplatform desktop app
- map visualization
- note management (CRUD)
- inference pipeline

ideal

- (semantically coherent outputs)
- ~~continuous learning~~

next steps

- (a lot of) bug fixing (in progress)
- custom prediction model to reduce startup time (in progress)
- ui readability improvements
- revisit continuous learning

questions & discussion