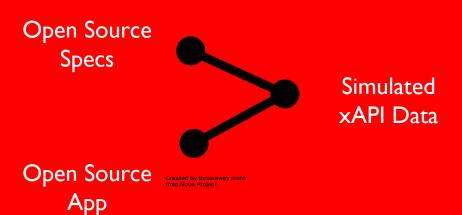


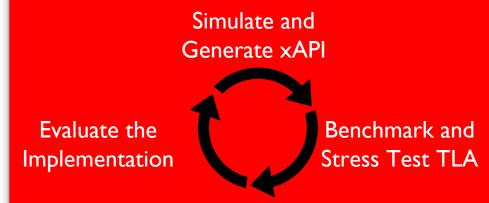
Shelly Blake-Plock · Alpha 2020 WYOt Analytics

What are we trying to do?





What's the purpose?





Why are we doing this?

Access to Testable
Big xAPI Data



Created by Catherine Veronica Drotar from Noun Project

Will Inform DoD
Learning & Training
Modernization Policy



What is the problem?

A Missing Link for xAPI Adoption



Created by creative outle

Lack of Exemplar
Testing and Evaluation
Datasets



How is it done today?



Lack of Scale



What is new in our approach?

Learner Personae



Sim Modding

Non Player Characters (NPCs)



What's our solution?

DATASIM Data and Training Analytics Simulated Input Modeler

TLA Testing



Big xAPI Data

Created by Wenjie Jian from Noun Project

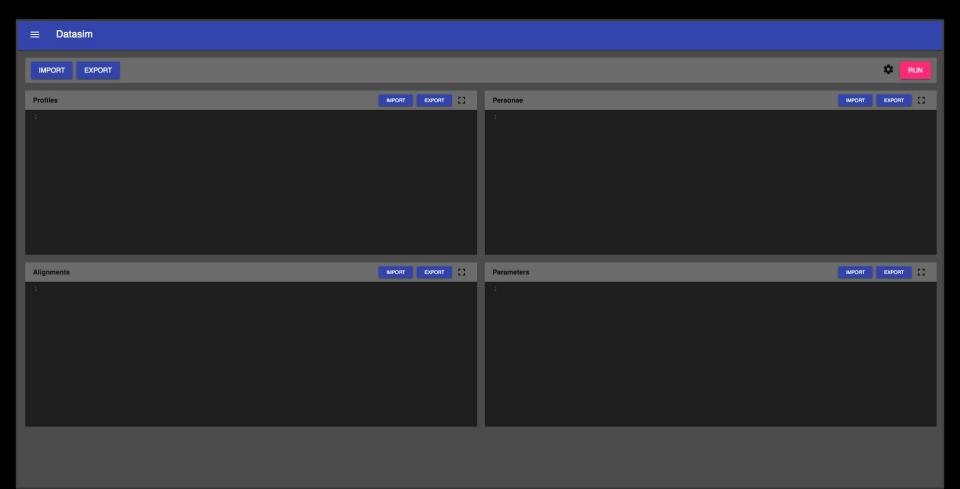
xAPI Profiles and Analytics

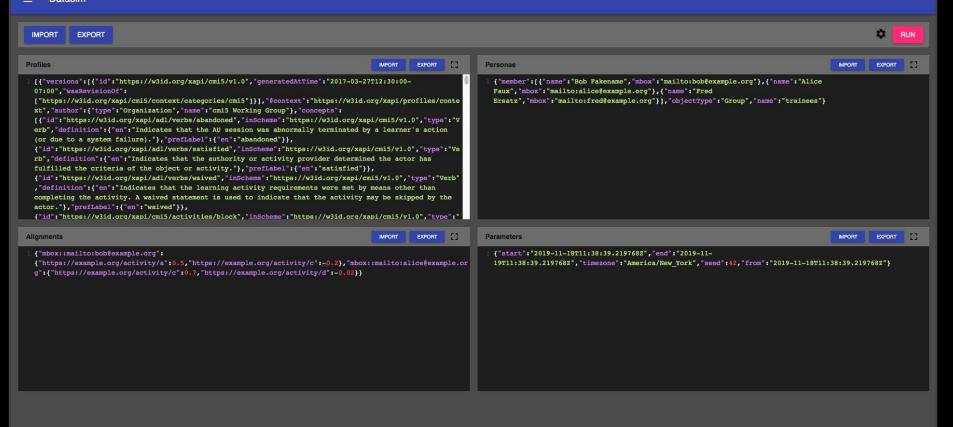


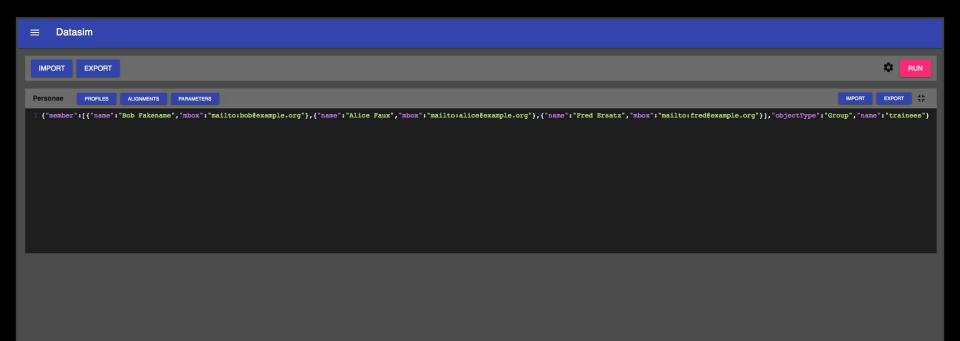
How does it work?

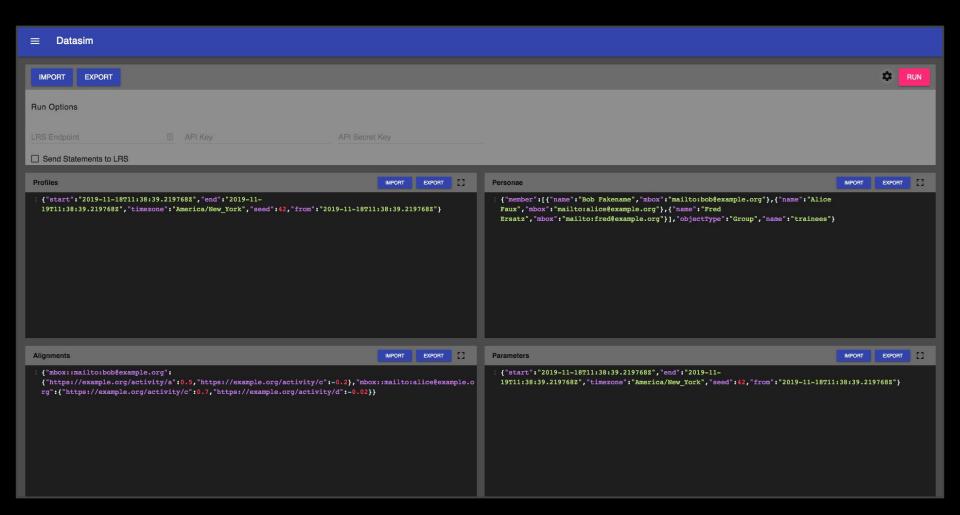
State of DATASIM: Alpha 2020











Technology

- Alpha can generate 500,000+ xAPI statements per minute on commodity hardware
- All statements are aligned to xAPI Profiles
- All statements will conform to the behavior model established by the analyst (the NPC model)
- Simulations can be team-based to test data design serving group activity
- Individual simulations can be run in duplication for testing purposes
- For access to the recorded ADL TLA Working Group webinar on DATASIM, see: https://www.yetanalytics.com/research



Who cares?

DoD Learning and Training IT Stakeholders

Increase Assurance



Increase Innovation

Created by projecthaya from Noun Project

Increase Speed and Agility



DATASIM mitigates against...



- Cost by allowing ad hoc and repeatable data sets
- Time needed to identify risks and problems in existing and developing software and applications across the TLA
- Efficiency risks of manual simulated data design, including the "meaninglessness" problems of automated simulated data



How long will it take?



Beta 2021



Thank you. Shelly Blake-Plock shelly@yetanalytics.com @blakeplock

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