2nd PHYSICS Hackathon 2023

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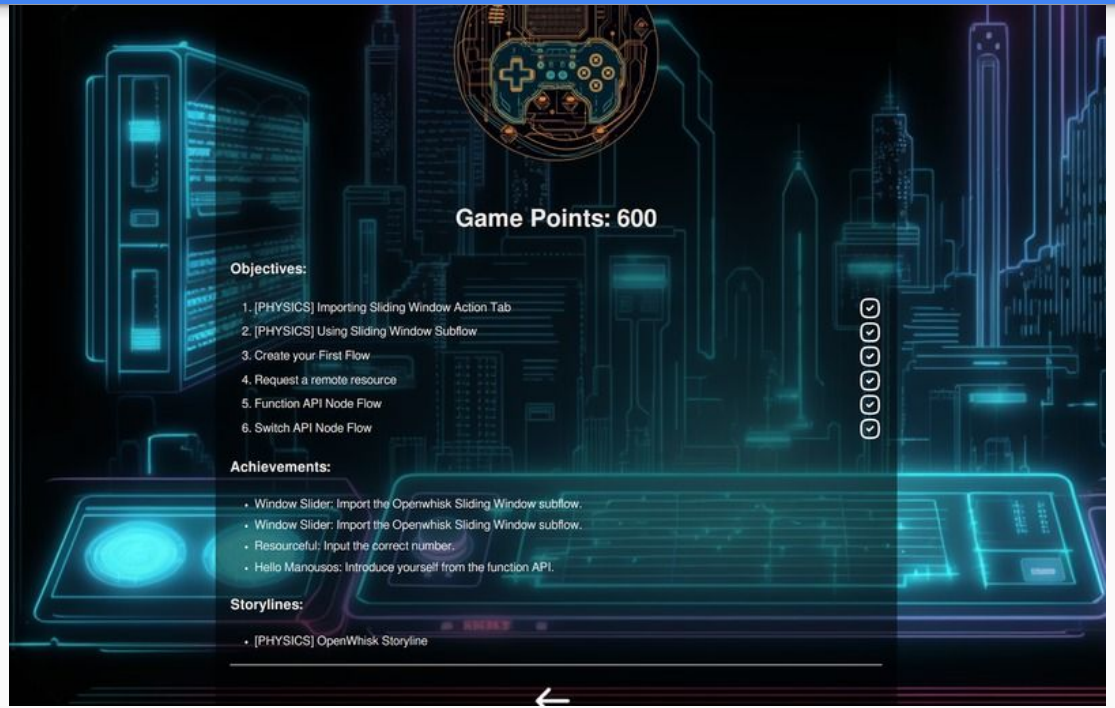
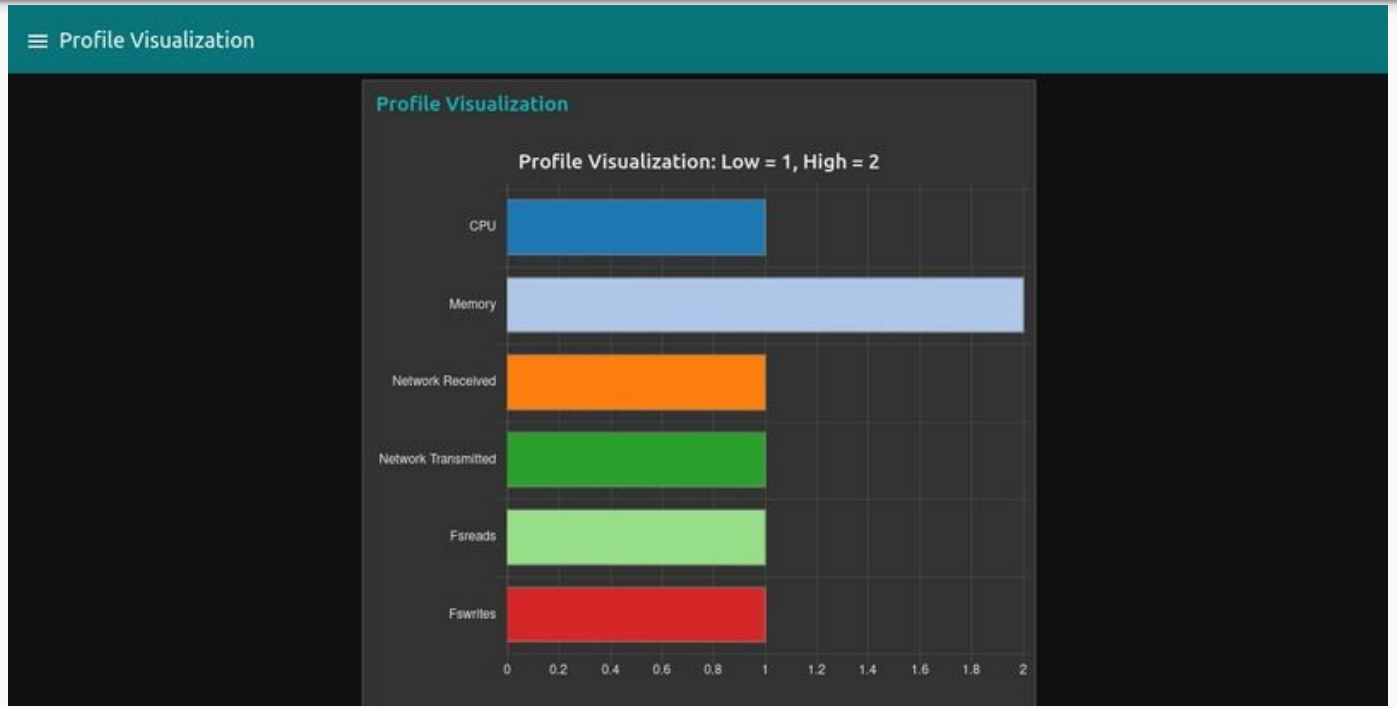
Game Challenge

Game Challenge



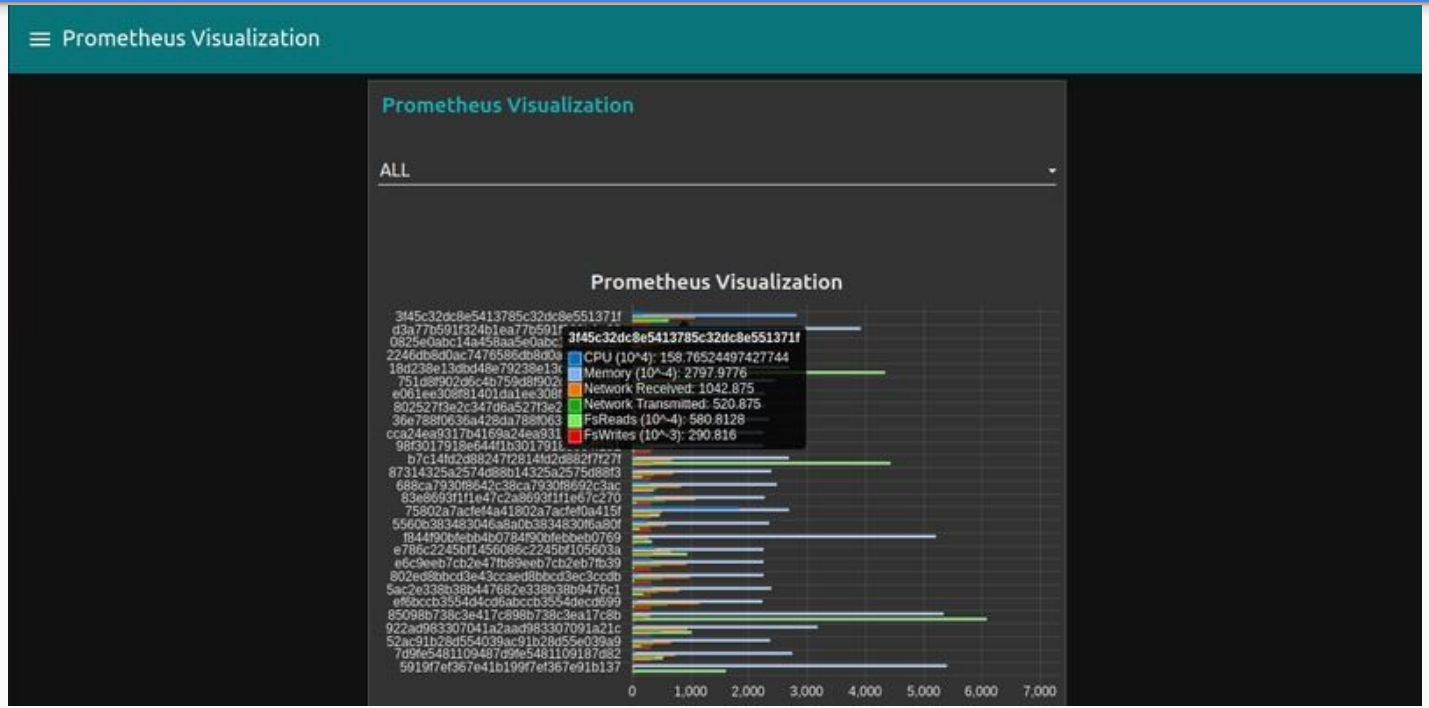
Data Visualization Challenge

Profile Data Visualization

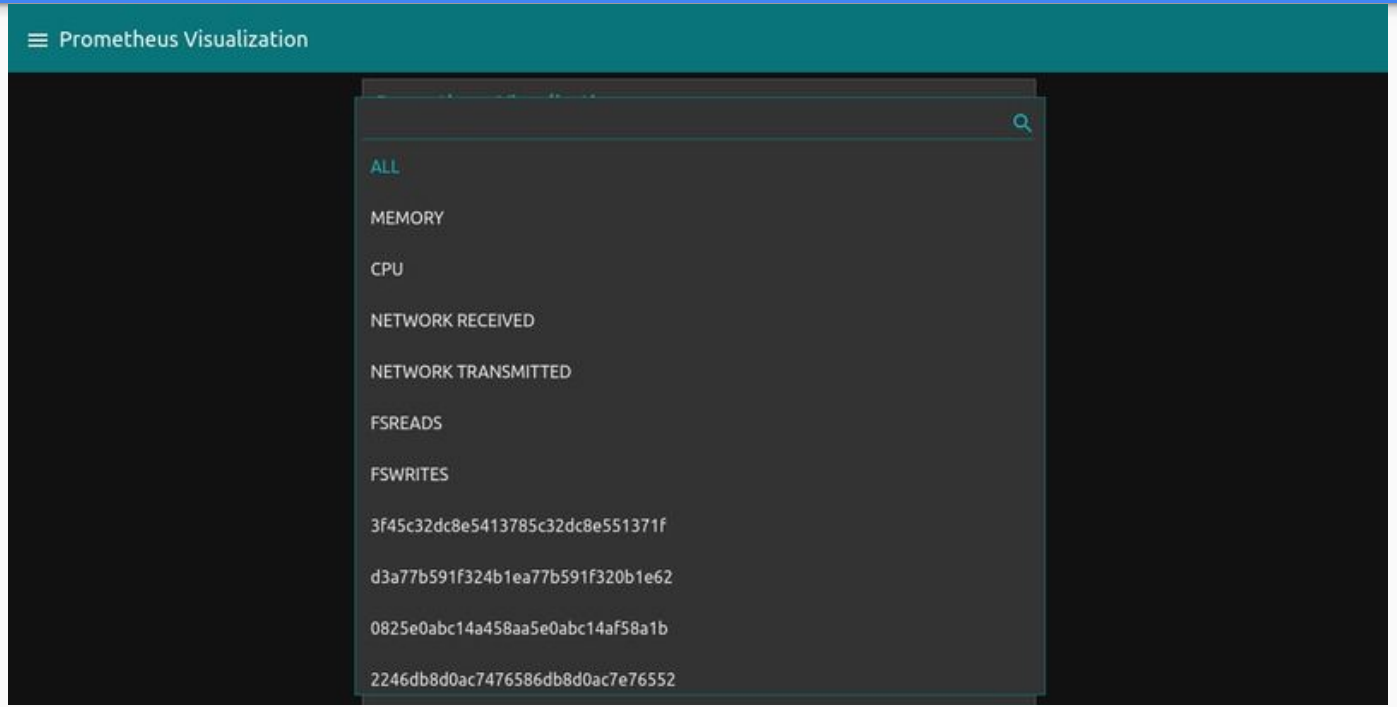


Profile Data Visualization

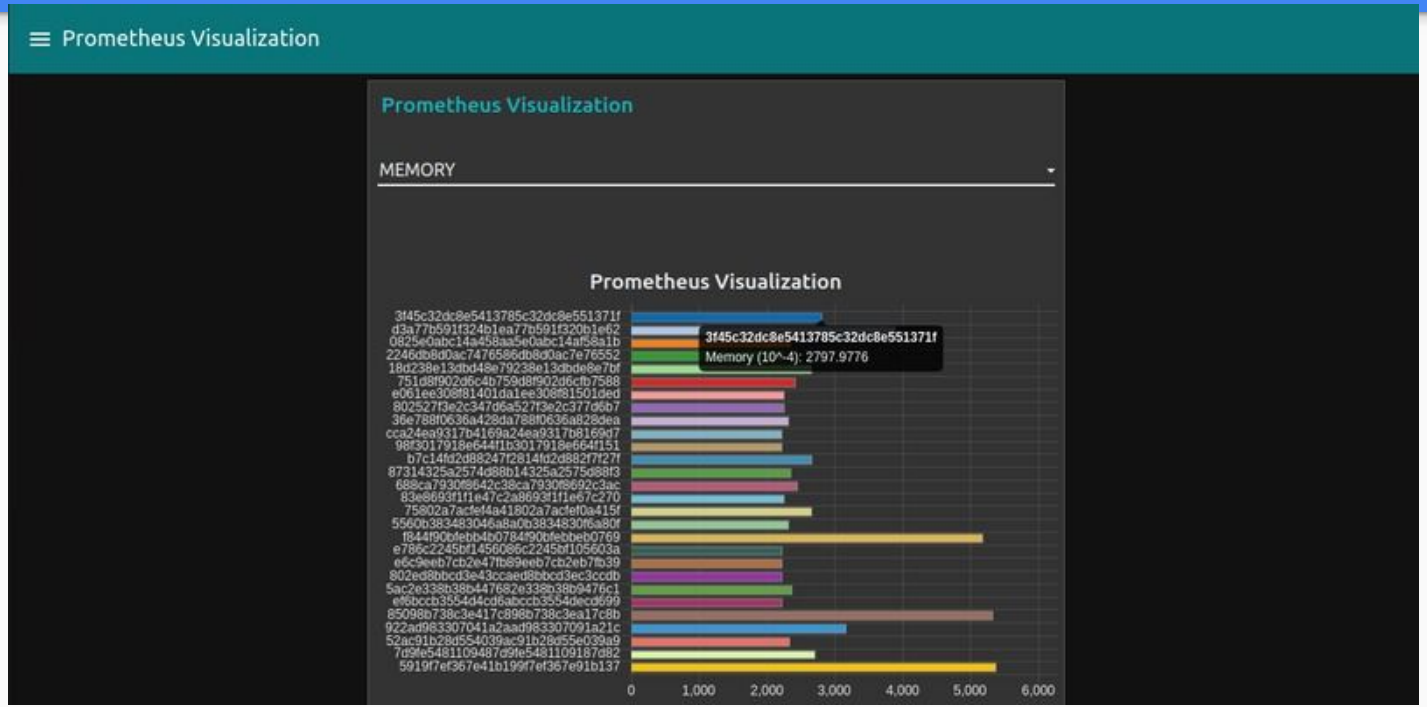
Prometheus Data Visualization



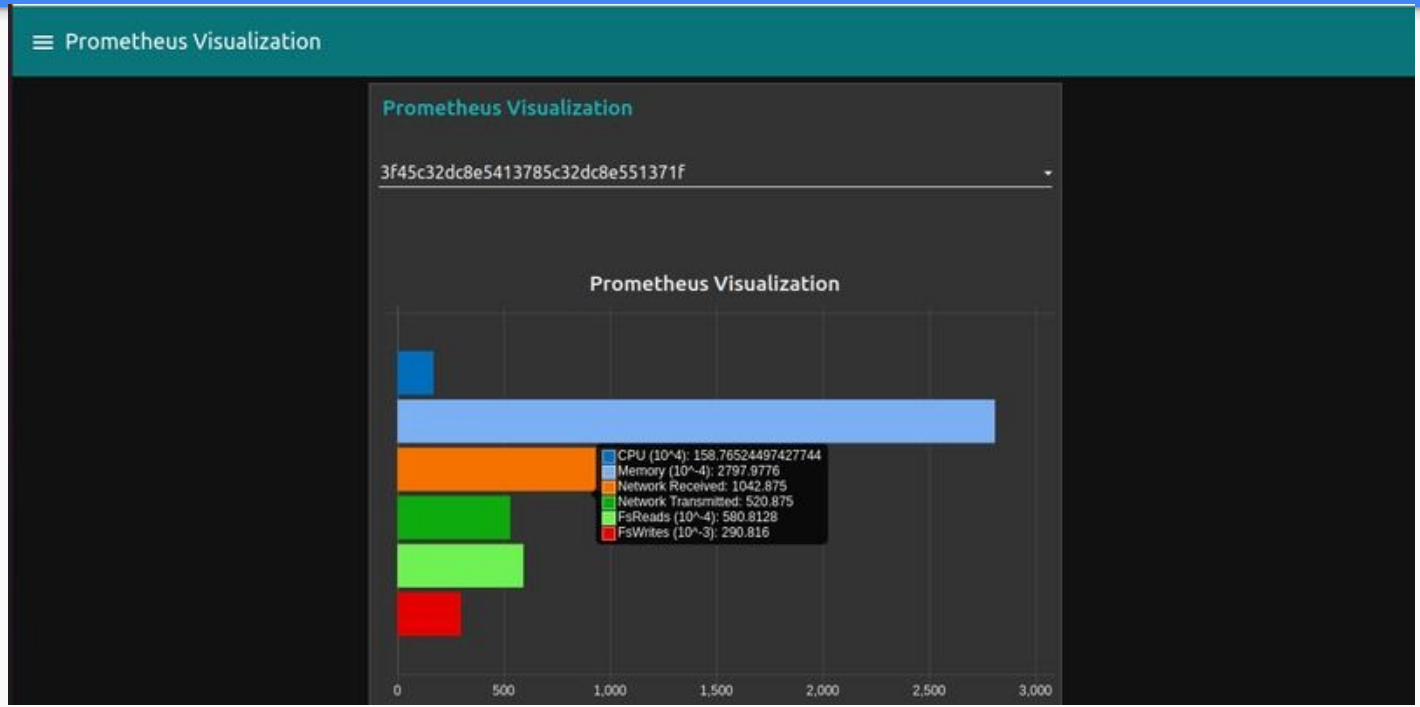
Prometheus Data Visualization



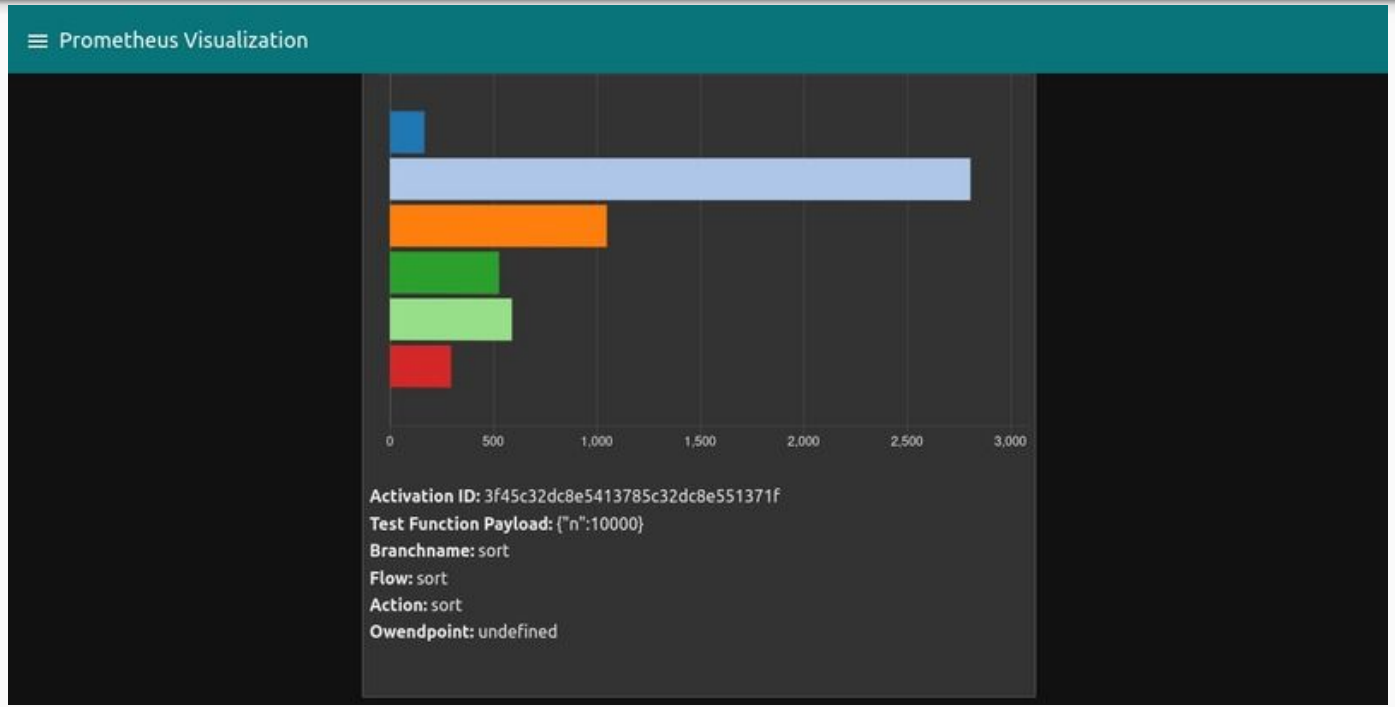
Prometheus Data Visualization



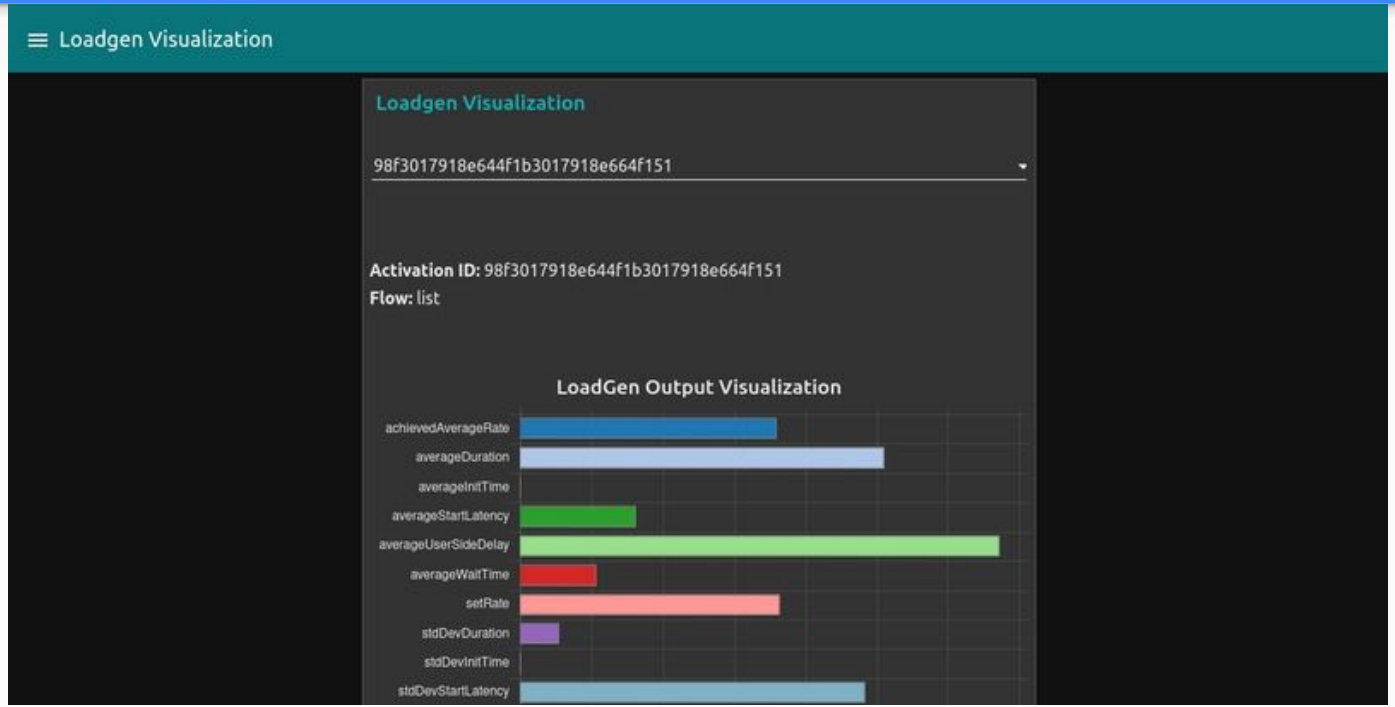
Prometheus Data Visualization



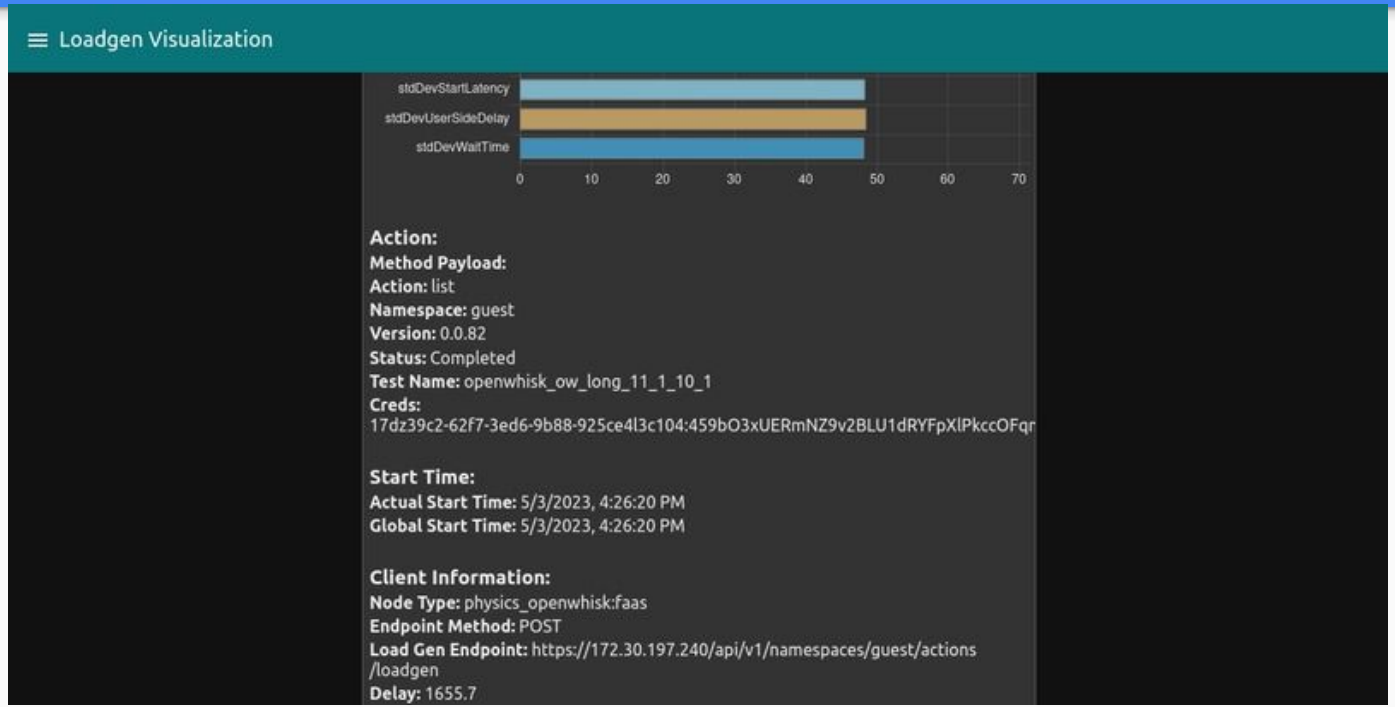
Prometheus Data Visualization



Loadgen Data Visualization



Loadgen Data Visualization



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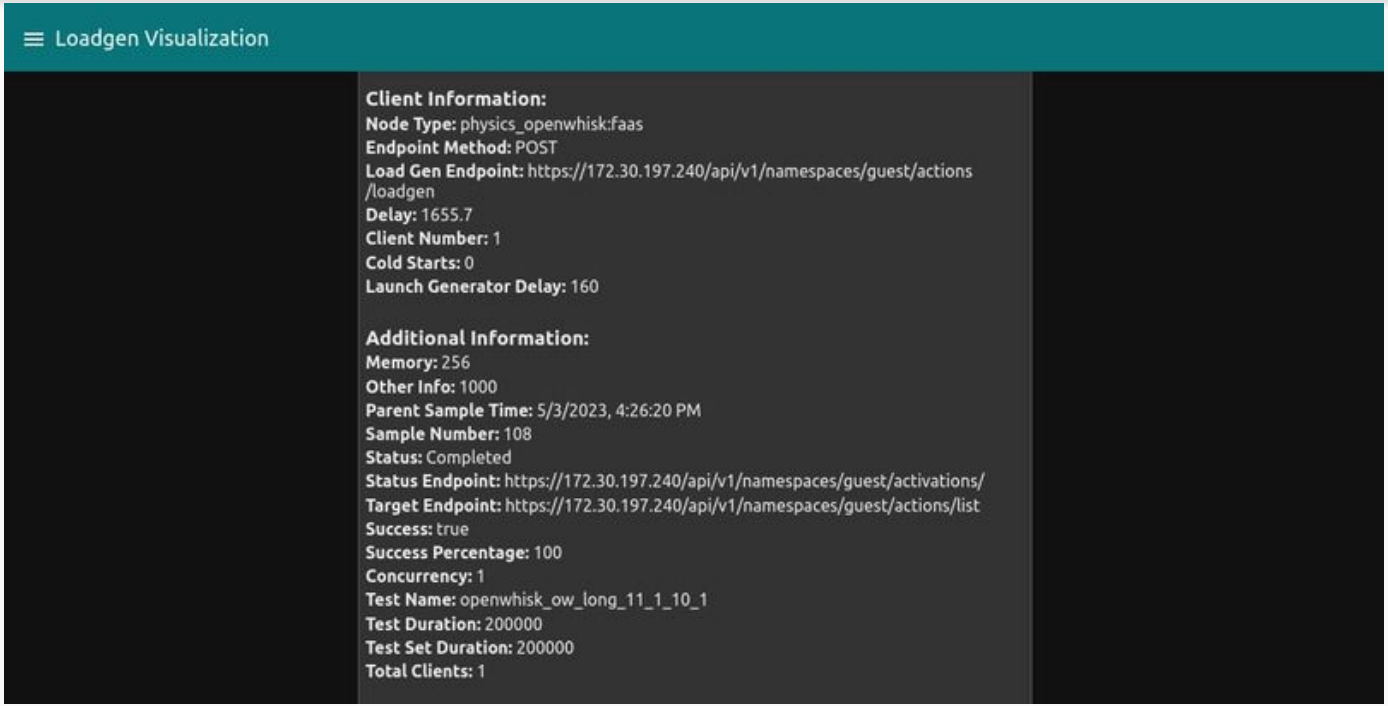

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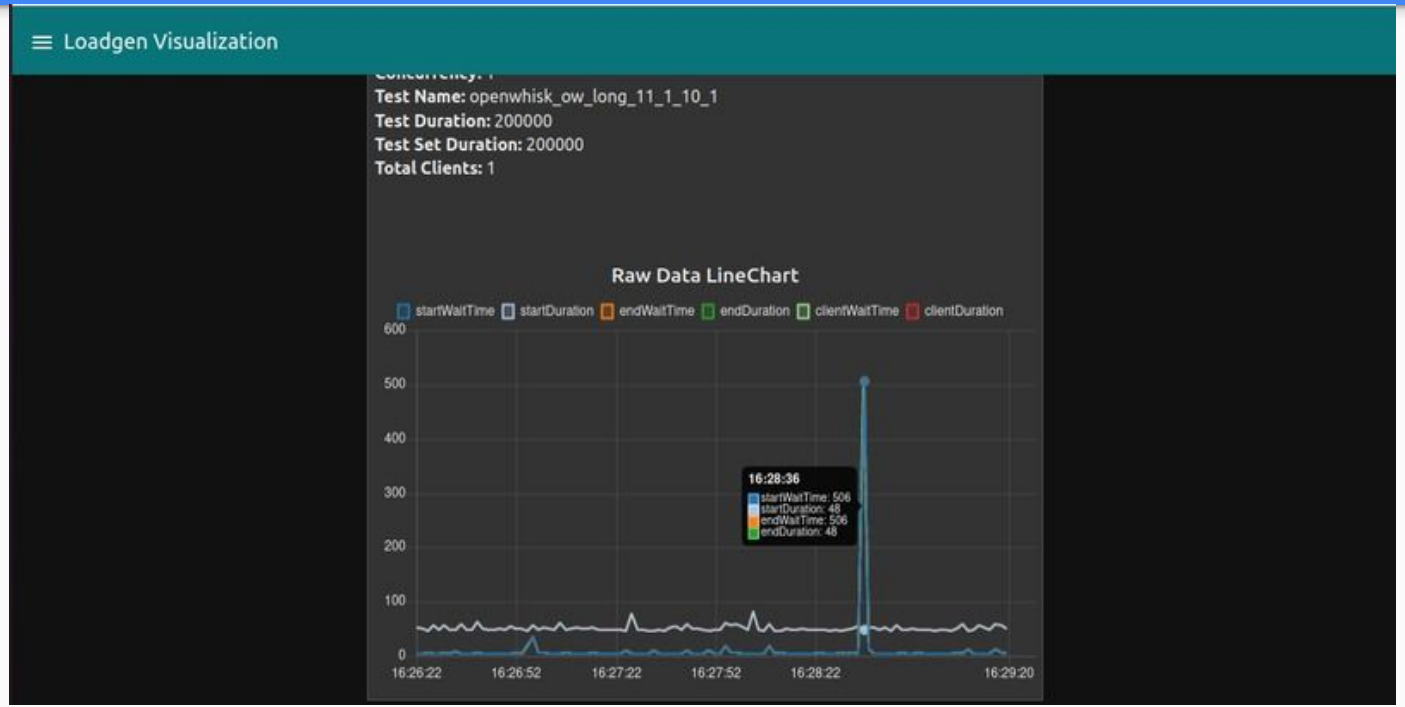
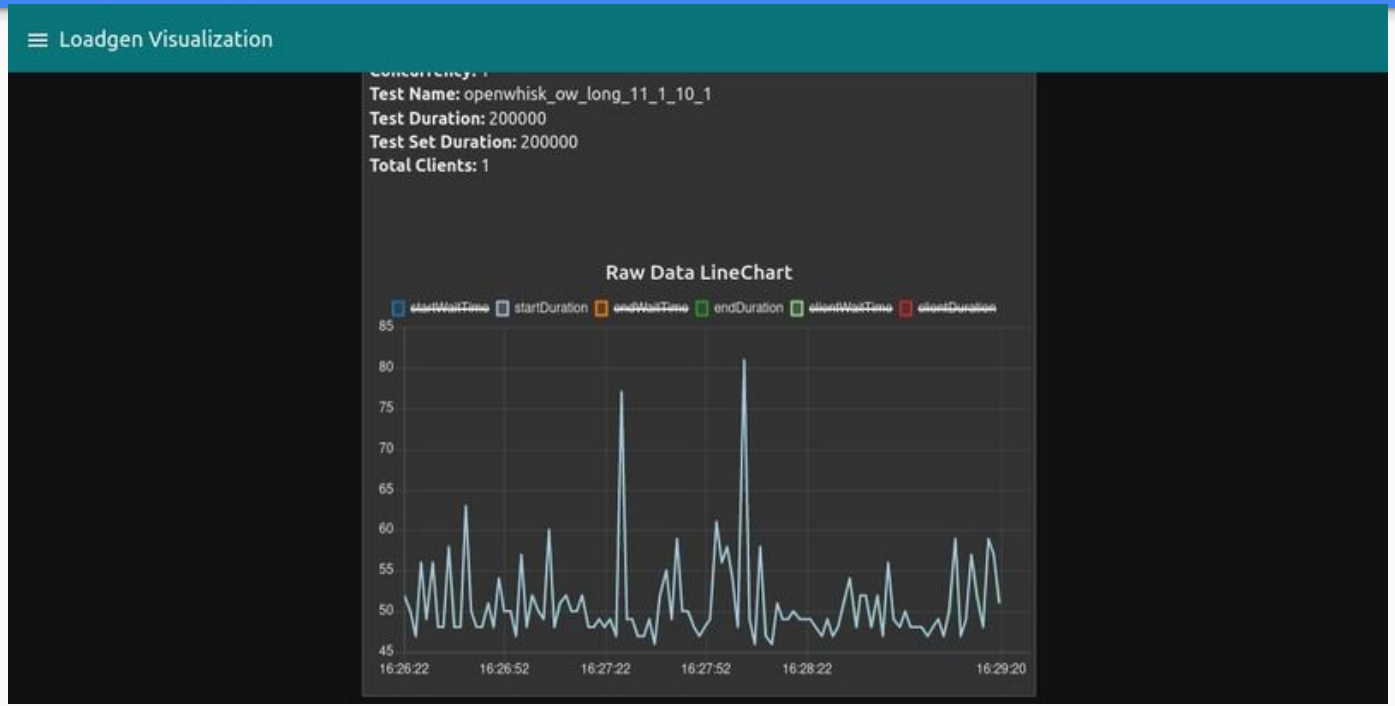


Loadgen Data Visualization



Common Functions Challenge

Common Functions Challenge

- One docker image with 3 functions: Quicksort, Weighted Average and K-Means Clustering.
- Set the param function to the desired function.
- https://hub.docker.com/r/kazakos13/common-functions

Subflows Challenge

Subflows Challenge

- We have made a collection of subflows submitted in node red library.
- Implemented Subflows: Quicksort, Quicksort with Docker, Weighted Average, Weighted Average with Docker, Common Functions Subflow, Many Weather API Subflow, City Info Subflow.
- https://flows.nodered.org/collection/052-kzn3RATd

Video Demonstration

Documentation & Other Links

- Documentation
- Github Repository
- Docker Image
- Node-red Collection
- App Video Showcase

Thanks For Your Time!