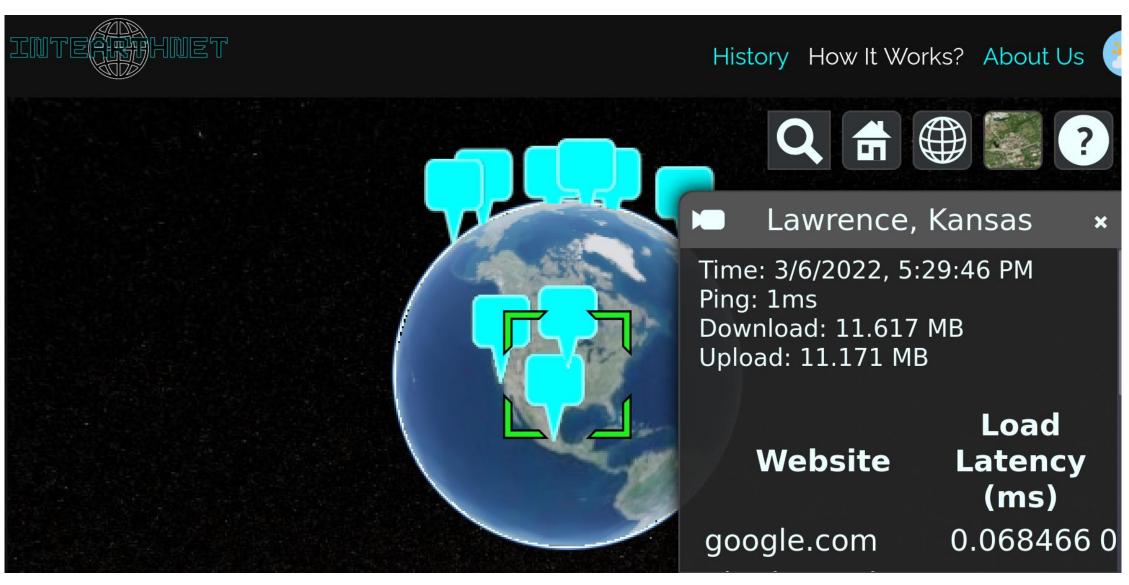


Swarm/IntEarthNet (Team 15) Ethan Grantz (CS), Joshua Jeng (EPH), Garrett Mills (CS), Abhigyan Saxena (CS), QiTao Weng (CS)

Description & Purpose

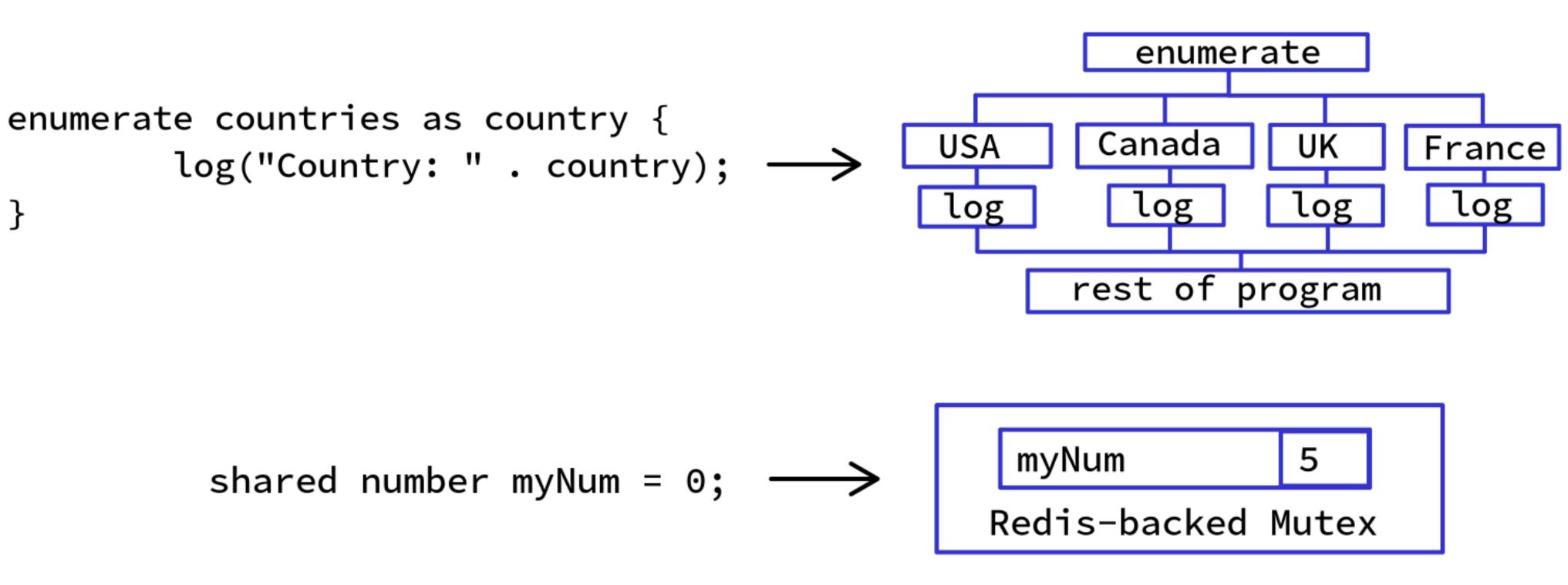
Swarm is a programming lan parallel and distributed prog Current parallel programming on to existing languages, wh programmer to write a lot of parallelization and synchroni We built Swarm to simplify pa and lower the barrier to entry This resulted in a small but f concept language and sever

Design



Data for IntEarthNet are remote servers in parall

nguage that abstracts rams. In libraries are bolted- hich requires the boilerplate hization code. Darallel/distributed code by for programmers. functional proof-of- ral projects built on it.	enumerate la }
IntEarthNet users	
can view internet stats around the world, as well as historical trends.	 We We Ce the ave So
e collected across lel using Swarm.	Sw OU



warm code is transparently run in parallel and shared variable access is synchronized automatically.

Ethical & Intellectual Property Issues

'e used several open-source libraries like esiumJS in our project, so we took care to follow e license and attribution terms accordingly to void plagiarizing other developers' work. ome members want to continue working on warm after the project ends, so we had to work It the intellectual property rights to make this possible.

