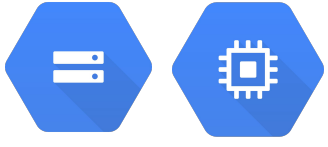
Terra: Your cloud-native analysis platform

ASHG 2020

Terra as Orchestrator

"[Terra is] a platform that allows bioinformatics researchers to take advantage of the cloud's power to scale without having to deal with the underlying complexity."

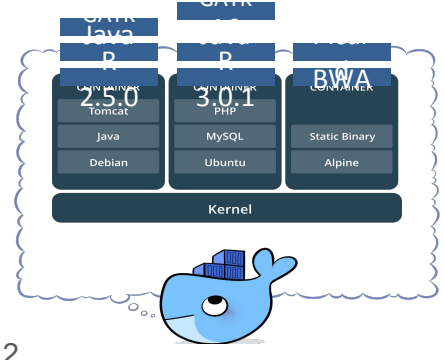
- Genomics in the Cloud (Brian D. O'Connor and Geraldine Van der Auwera)



Sets up and and manages resources

- Cloud-based compute and storage
- Data access and security

Runs analysis



Stores generated data

Sets up the analysis environment - in a reproducible, shareable way

The Workspace - fundamental unit in Terra