



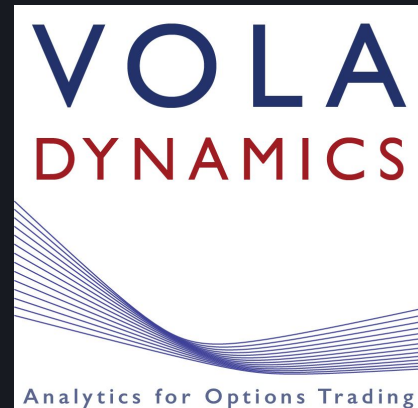
Anubis DistSys

2022-09-15

John Cunniff

whoami

- Graduated from NYU last year
- Was the president of the OSIRIS Lab
- Senior Engineer at Vola Dynamics LLC
- Created & maintaining Anubis LMS





Anubis

- • What do we do at Anubis?
- Anubis Architecture
- How can you join?
- Q&A



What do we do



- It's all current and former students!
- We have support from the CS department
- We are trying to support more classes at Tandon & CAS
- **1200+** of your peers are using us

What do we do



- The core of what we do can be summarized as:
 - Cloud IDEs
 - Autogading
 - Anti-Cheating



Anubis

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Architecture



- ***Containers! Containers! Containers!***
- ***The most important thing*** in Anubis is ***Containers!***
 - The entire Anubis system may consist of 500+ containers

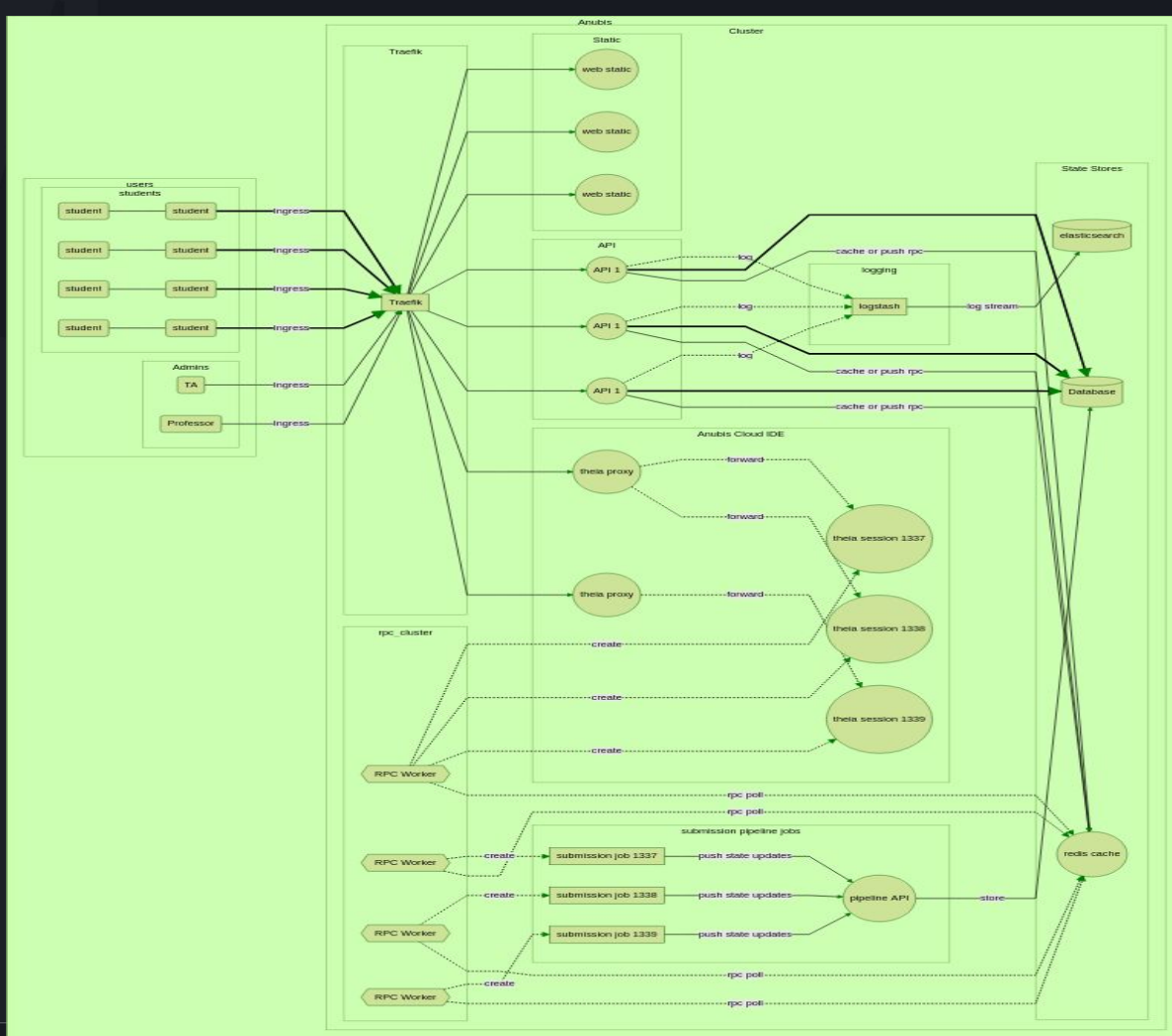


Architecture

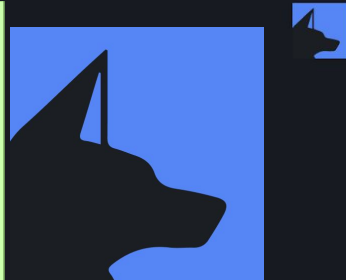


- Highly ***distributed system (kubernetes)***
- Build under the ***microservice model***
 - ***API*** (flask)
 - ***Web static*** (reactjs html + css)
 - ***IDE proxy*** (connection router)

Anubis



Check Anubis out! <https://anubis-tms.io/>





Architecture



- Let's take a look at what happens when you launch an IDE



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How can you join?



- Join our discord!
<https://discord.gg/pc6BEQEJVQ>
- Take a look at the issues on our github:
github.com/AnubisLMS
- ***Apply for the TA position!***



Anubis

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→ Q&A



Jobs Jobs Jobs

Anubis is hiring!

- Do the interview project
github.com/AnubisLMS/InterviewProject

Vola Dynamics is also hiring! (SWEs & Options Quants)

- Send your resumes to
resumes@voladynamics.com