

Implementing CockroachDB on Kubernetes

A summer student project

*



Cockroach
LABS

**



kubernetes

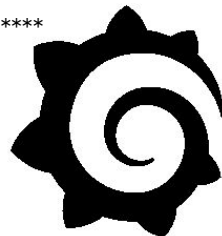
*<https://www.cockroachlabs.com/>

**<https://kubernetes.io/>

*







Grafana

**



Prometheus

*<https://www.cockroachlabs.com/>

**<https://kubernetes.io/>

*** <https://prometheus.io/>

****<https://grafana.com/>

SQLAlchemy^{**}
 python^{***}

~550/s
→



<https://www.cockroachlabs.com/> *
<https://www.sqlalchemy.org/> **
<https://www.python.org/> ***

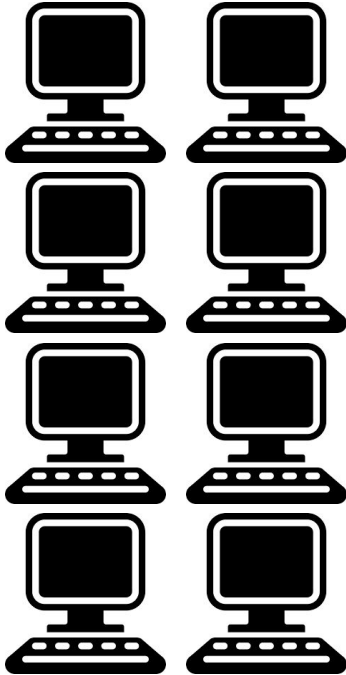


$\sim 450/s$



$\sim 485/s$





YugaByte DB^{**}

* <https://www.cockroachlabs.com/>

** <https://www.yugabyte.com/>

thank you

<https://codimd.web.cern.ch/s/HybbISufH>