

Déploiement de `µServices` à haut débit sans interruption

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\$ whoami

Kitesurfer & 🍺 addict

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\$

haut débit ?

```
SELECT count(*)  
FROM ua.all_events  
WHERE datetime >  
  (getDate() -  
    INTERVAL '1 day')
```

2 485 047 / jour

pour un système qui a été architecturé pour 1M au total

A solid red diagonal bar on the left side of the slide, pointing from the top-left towards the bottom-right.

~600ish instances dans AWS en
production

Mise à jour sans
interruption

Could not log in to World of Warcraft at this time. Please try again later.

Okay

Account Password

|

Login

Comment on règle ça ?



kubernetes

&

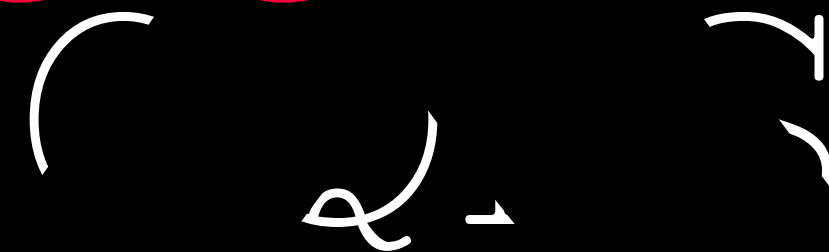
CQRS

(command query responsibility segregation)



kubernetes

TOO EASY



(command que j'essaie de comprendre)

trop dur

trop compliqué

lâche les buzzwords

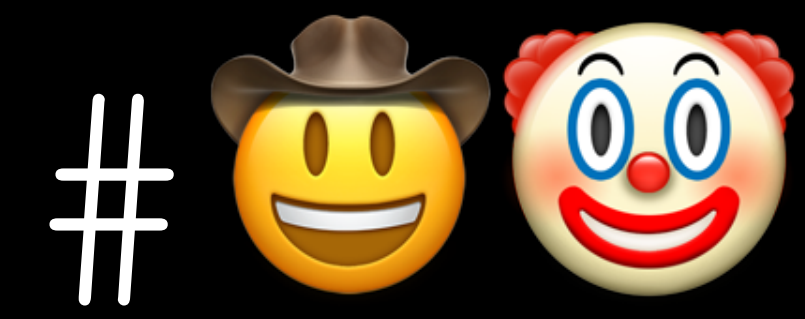
les patrons d'ingénierie logiciel c'est pour les geeks

μServices & ☁

- circuit breakers
- retries
- deadlines
- request load balancing
- service discovery

Mais pourquoi tout

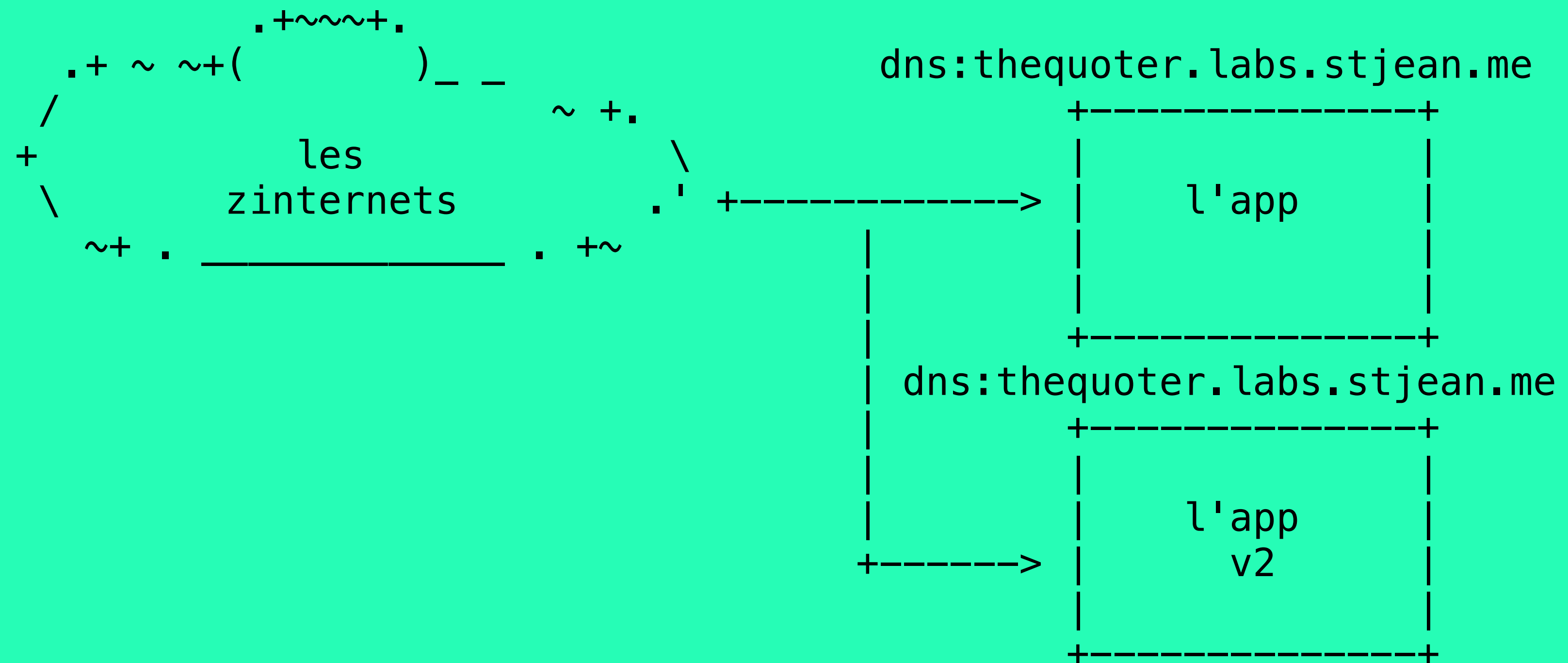
ça ? 

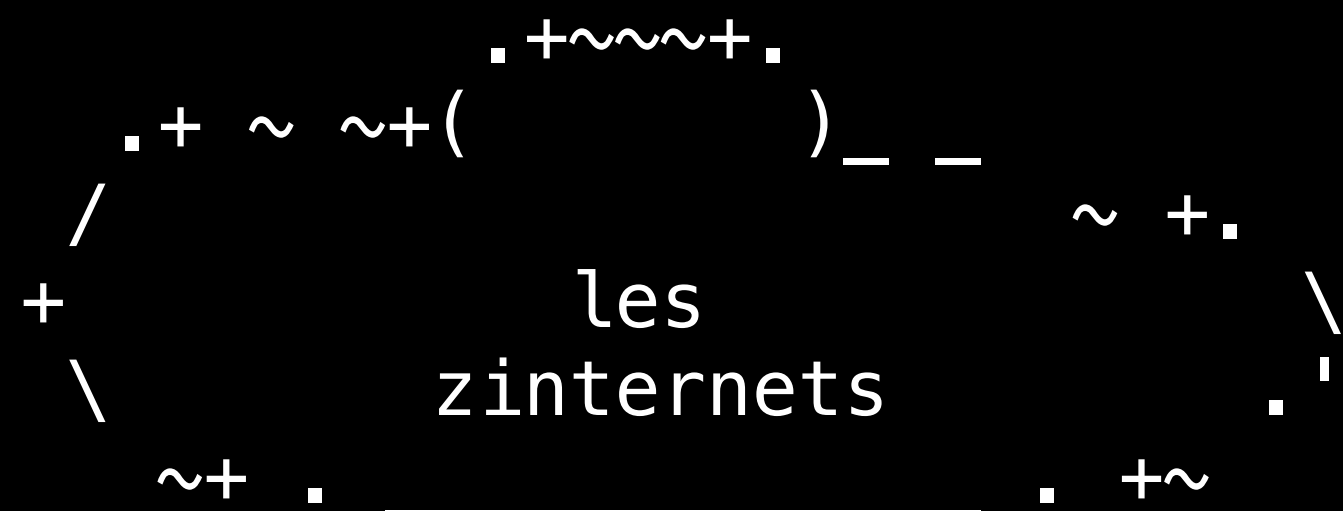


DEMO

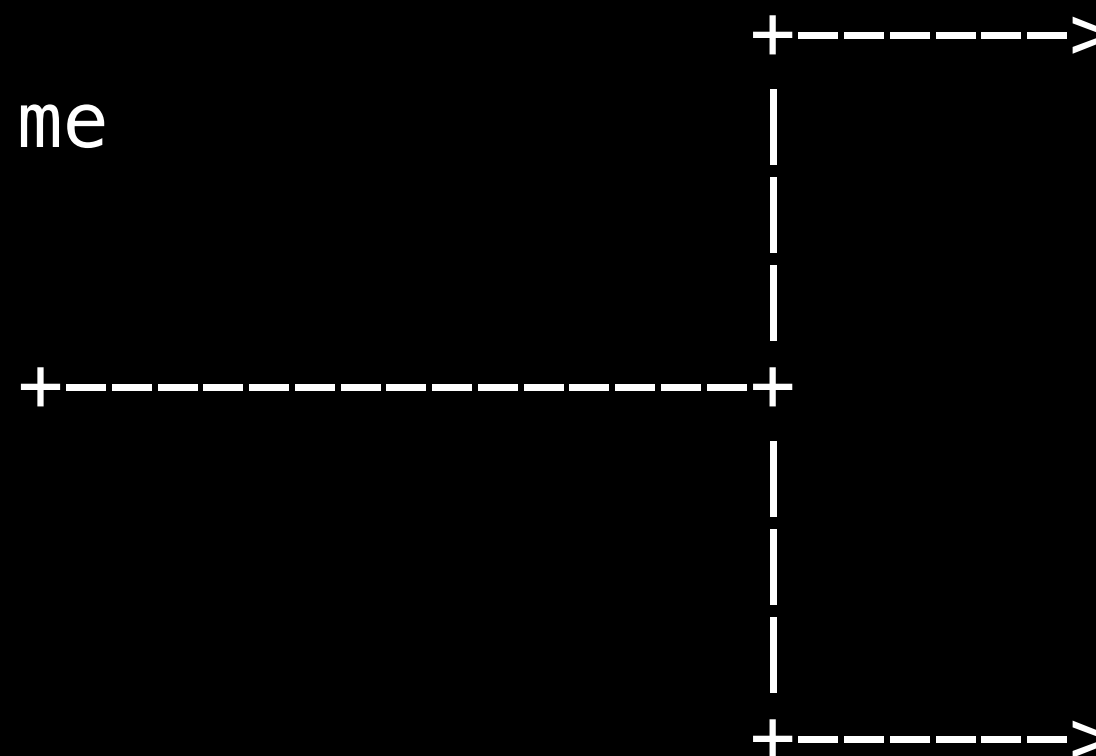
thequoter-basic.labs.stjean.me

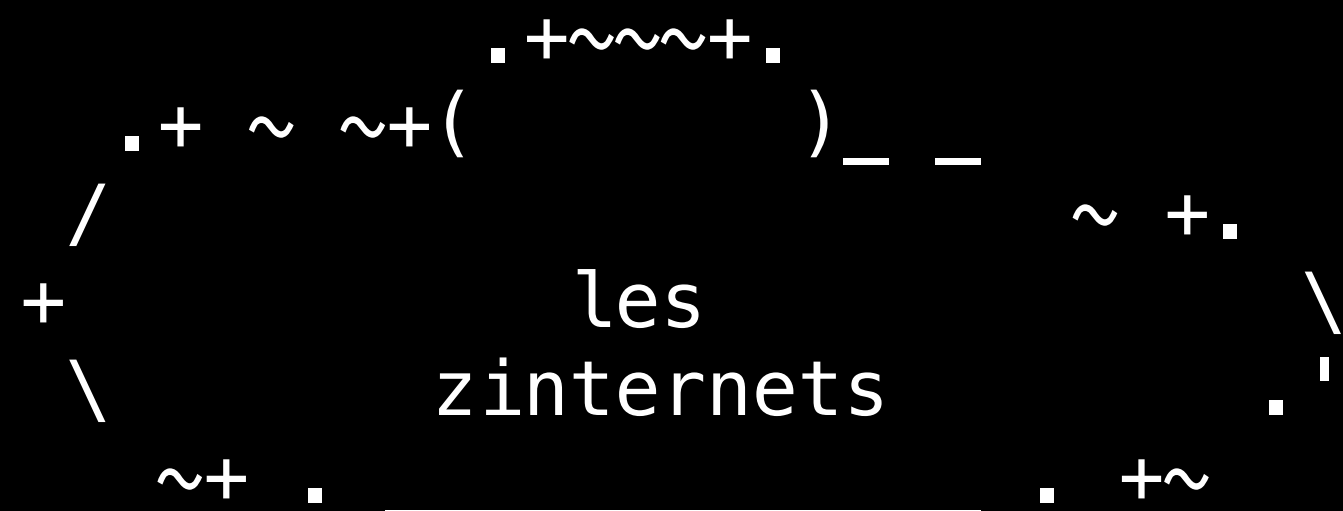
l'app



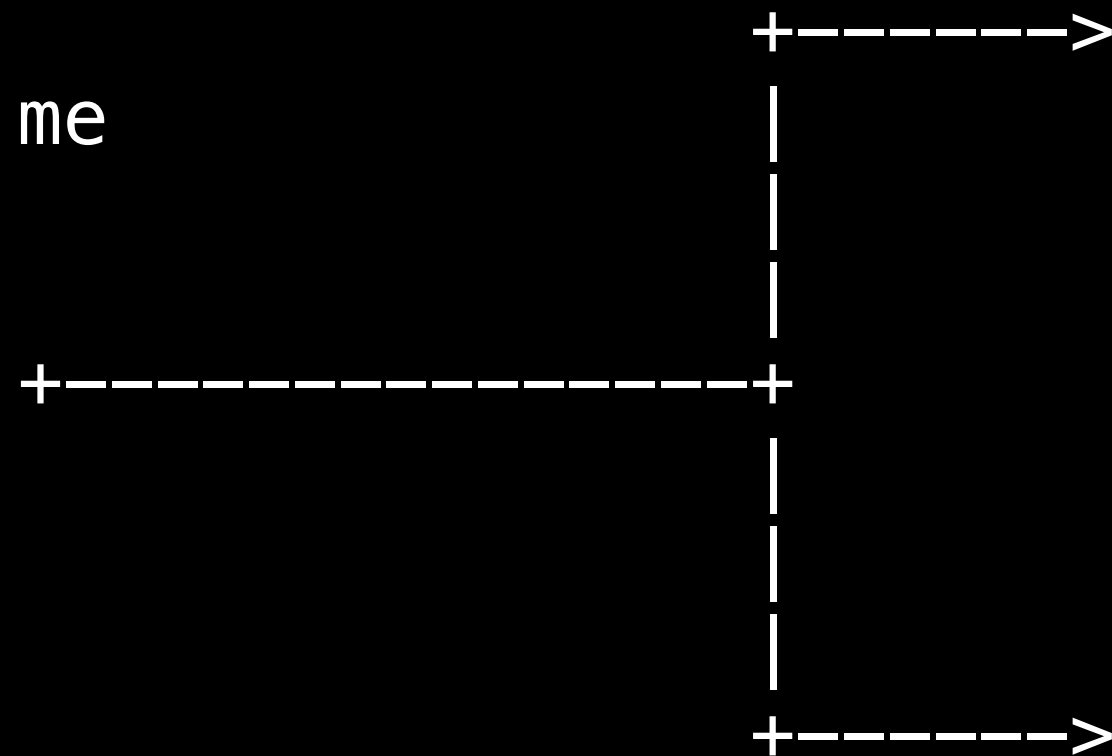


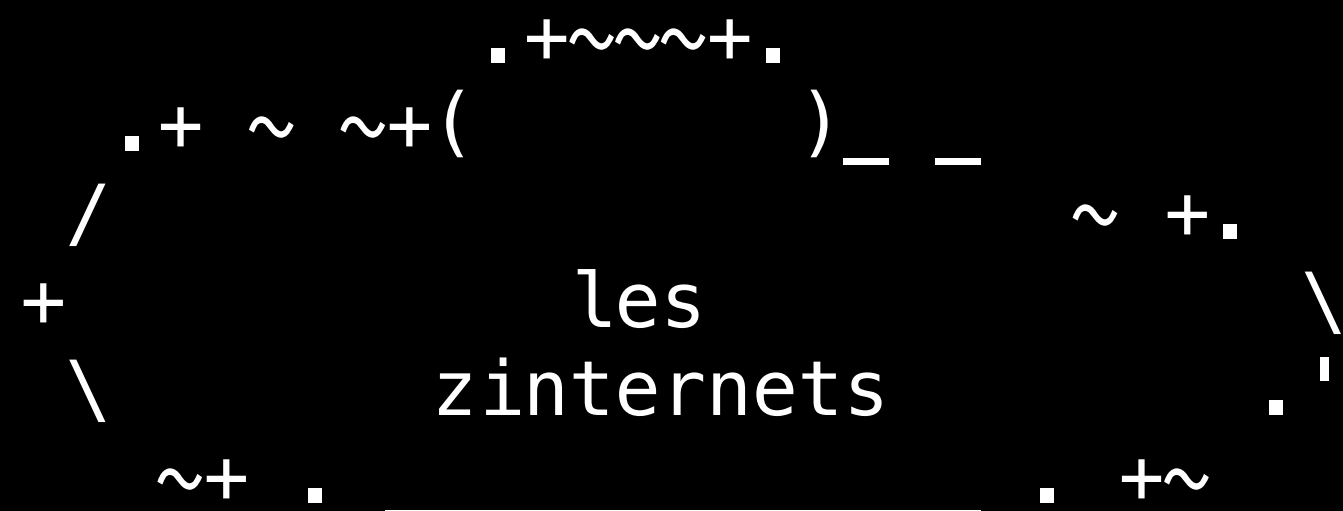
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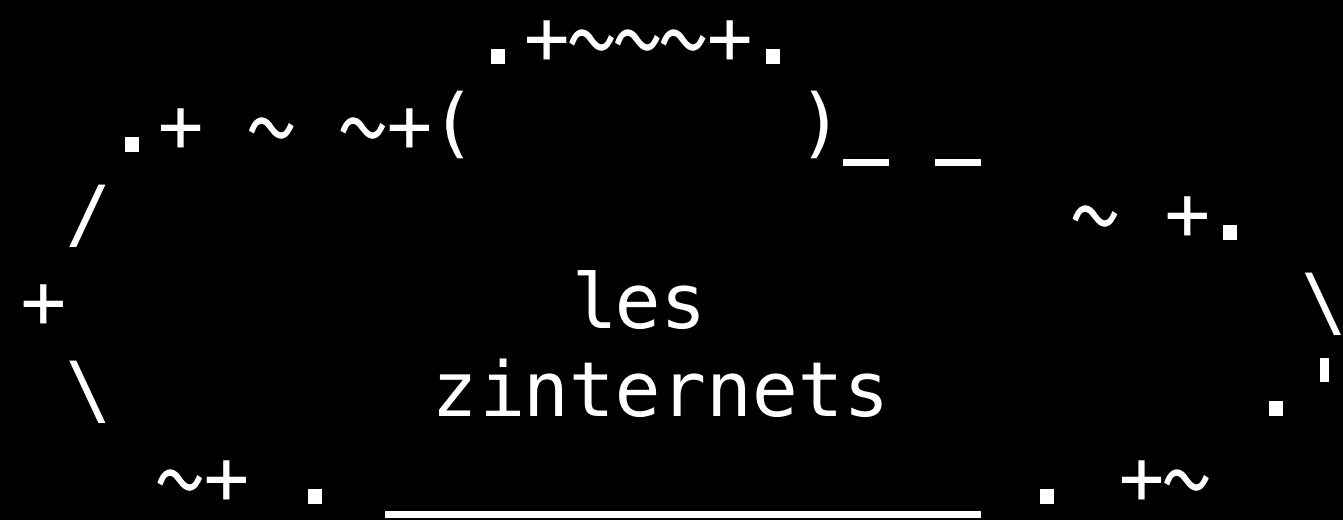
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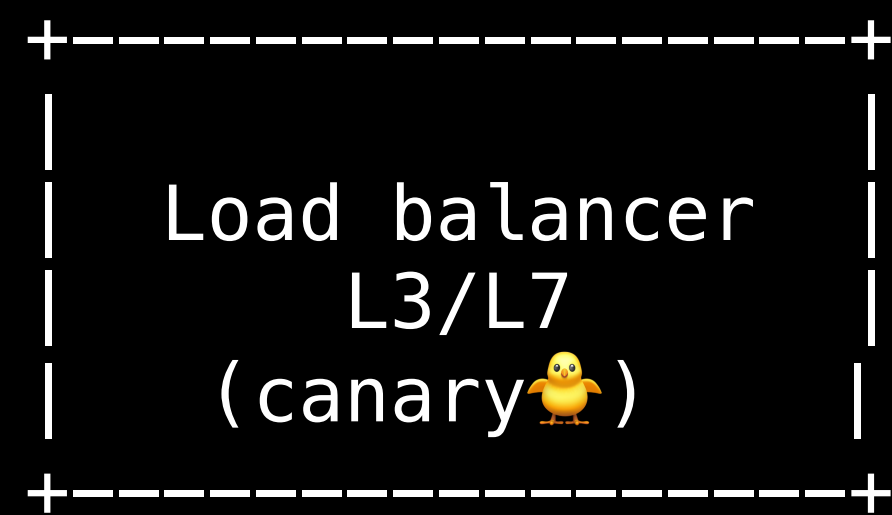


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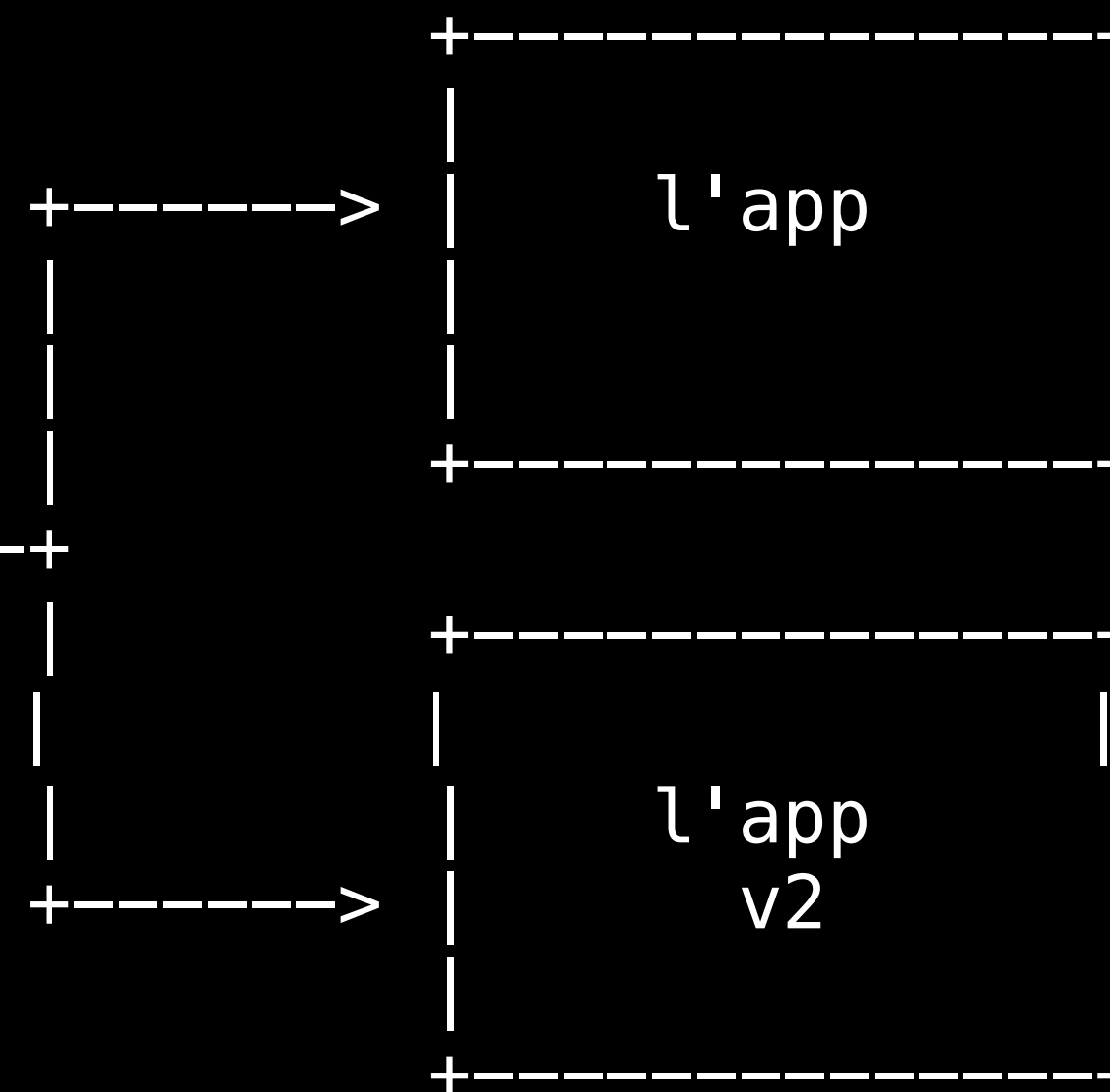


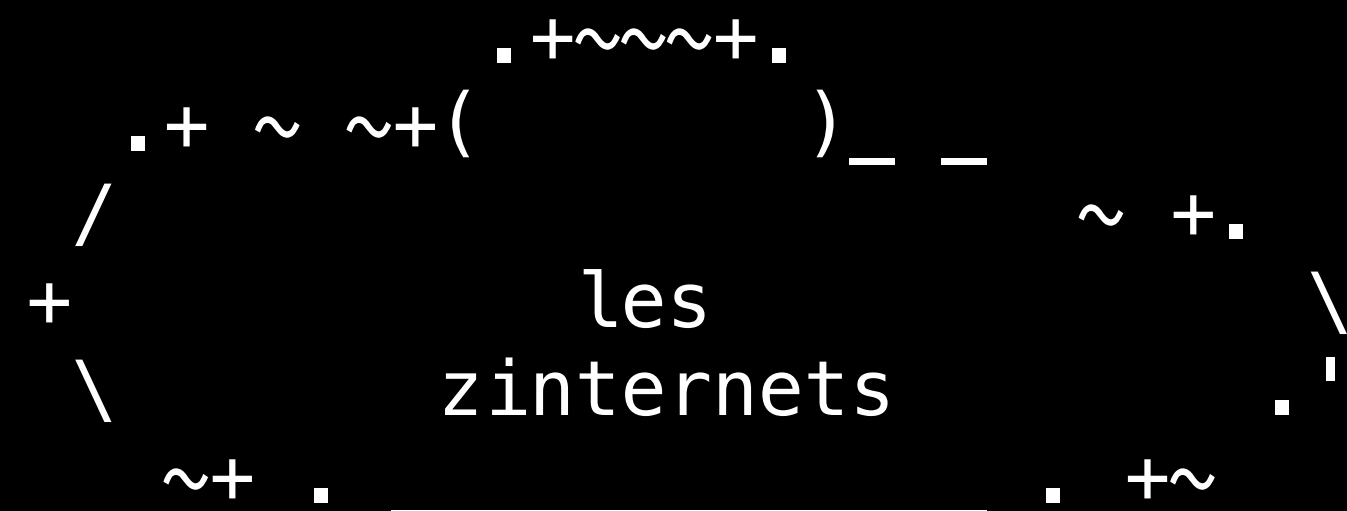


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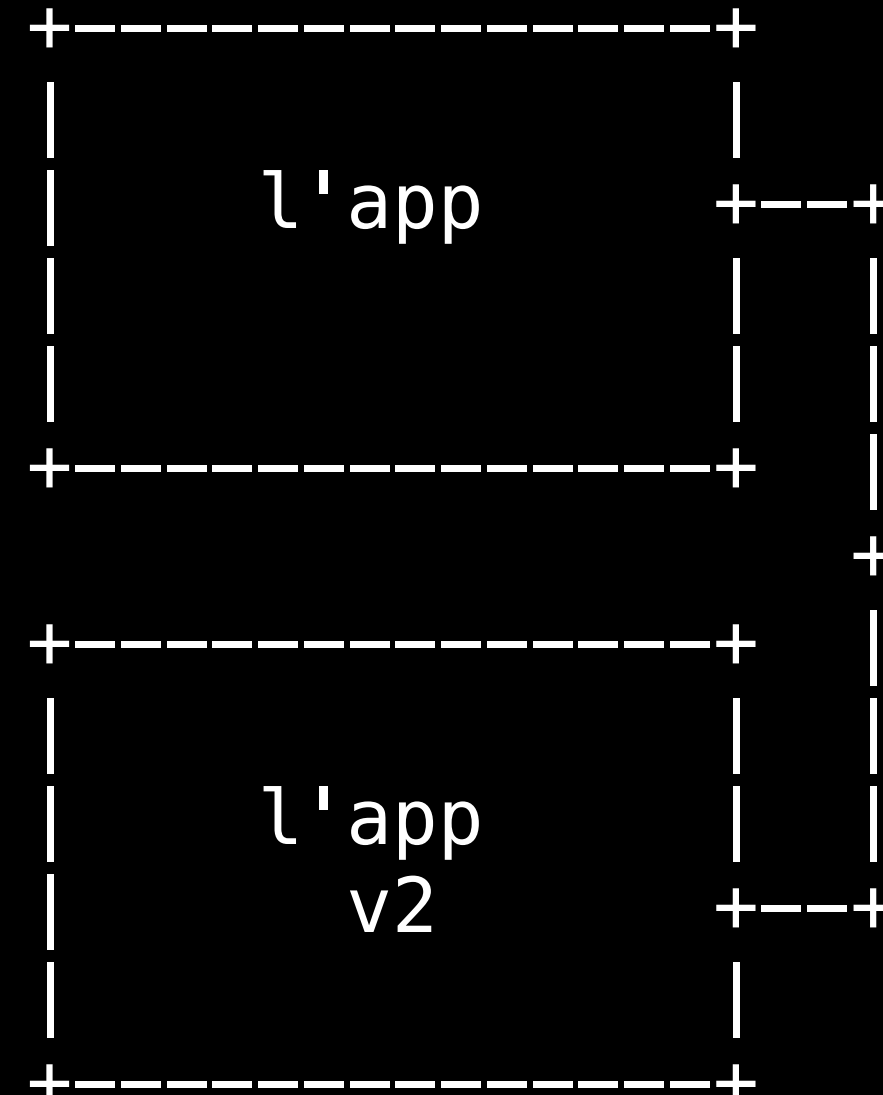


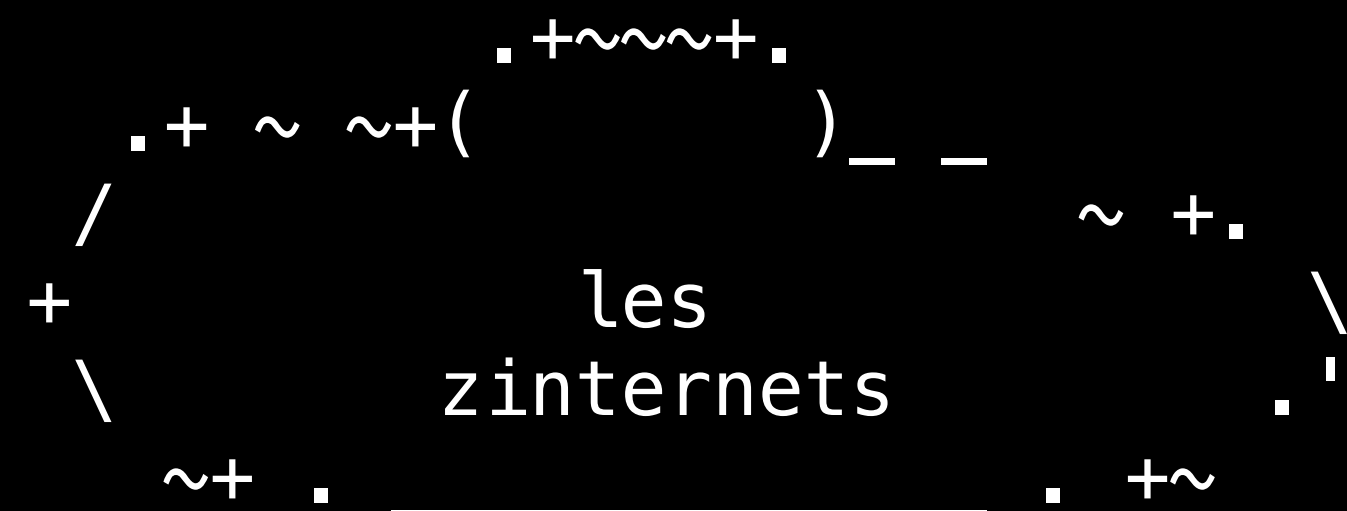
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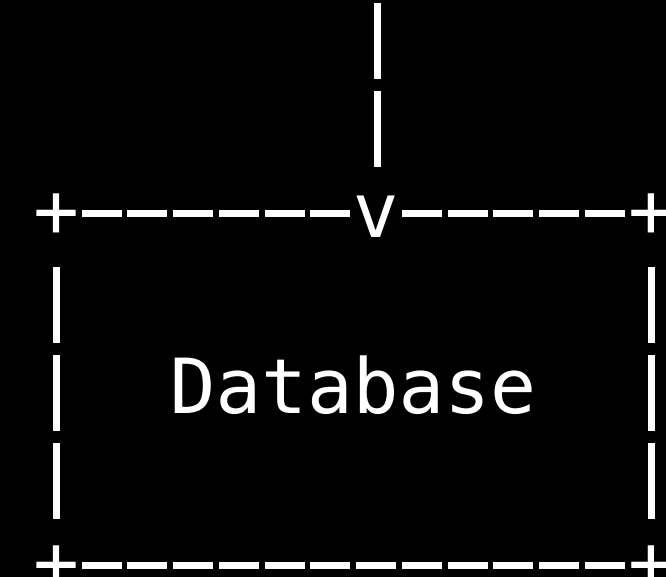
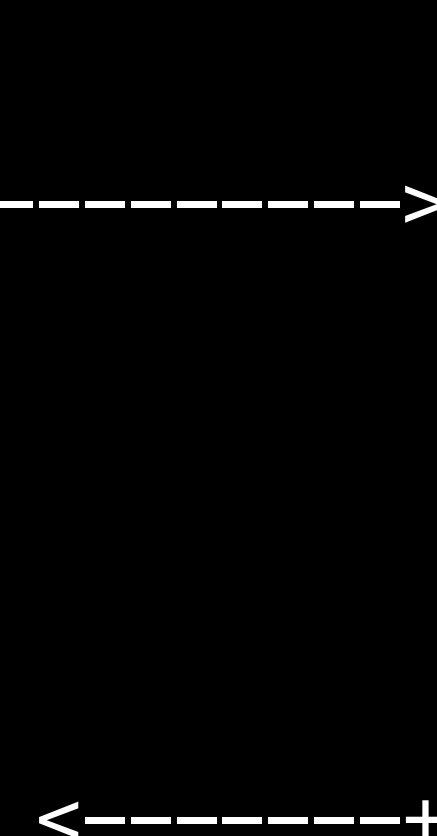
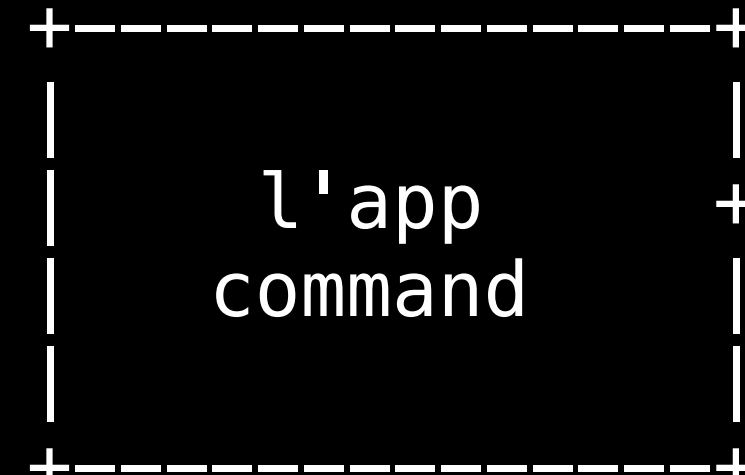
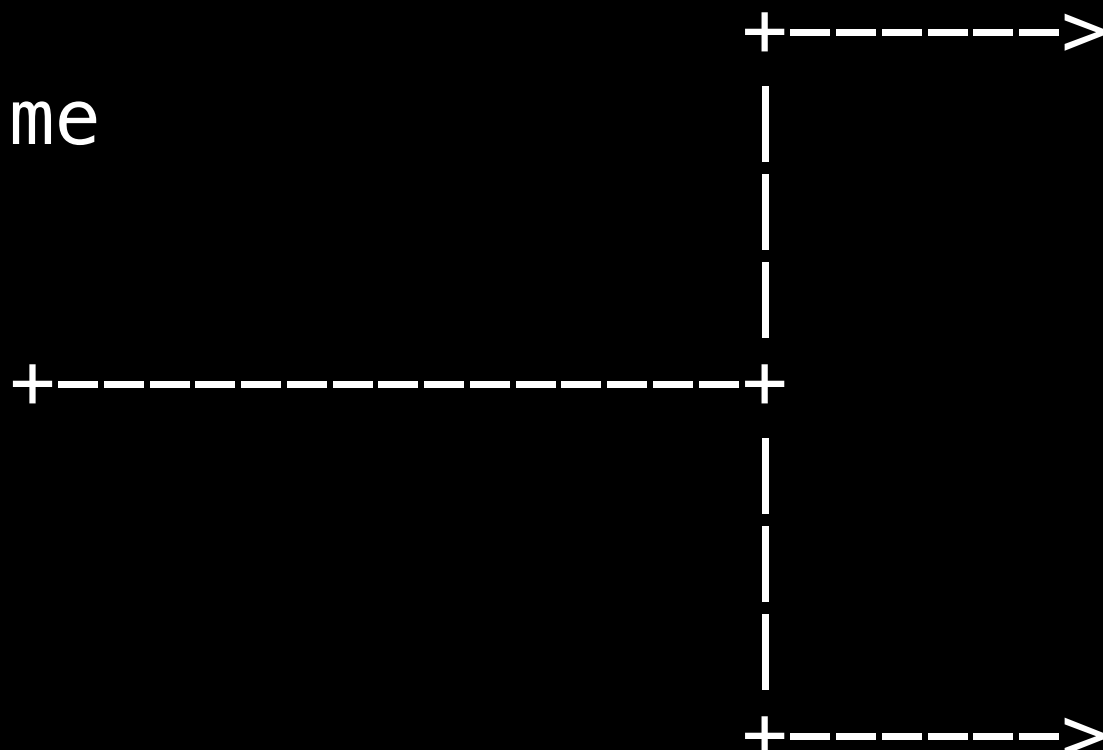


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les
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Load balancer
L3/L7

l'app
events

l'app
command

l'app
query

Kafka
Kinesis

Database



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github.com/pastjean/waqqquoter

hint: coveolife.com