



# CERN Live Q&A

## IT Lightning Talks: session #21

2021-12-03

Alex Iribarren



## Ropo discussion ⋮

ASK A QUESTION

UNANSWERED (4)

ANSWERED (1)

DELETED (0)

RoPO review now...

2



My test question

2



When I delete the event in this app, I delete it even on Indico?

0



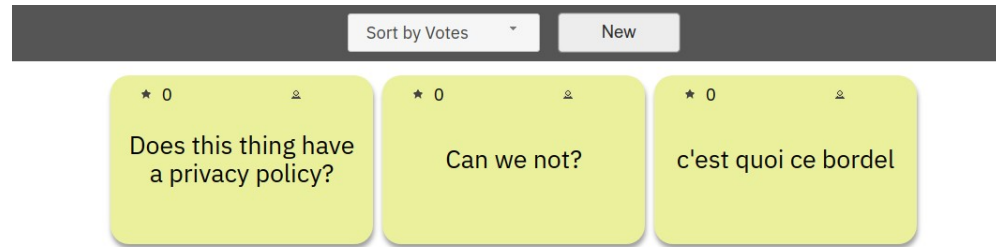
hi, my name is Alex

0



# Why do this?

- Used to have MM-based “IT Talk Live Chat”
- DG talks with custom web page, but hidden questions
- LIVE IT #1 used <https://www.onlinequestions.org/>
- Nice weekend coding challenge



# Privacy by Design

- Automatic expiration of data
- When User IDs are needed, they're hashed in the DB
- Question's author is not recorded
- Question requests are padded to avoid size correlations

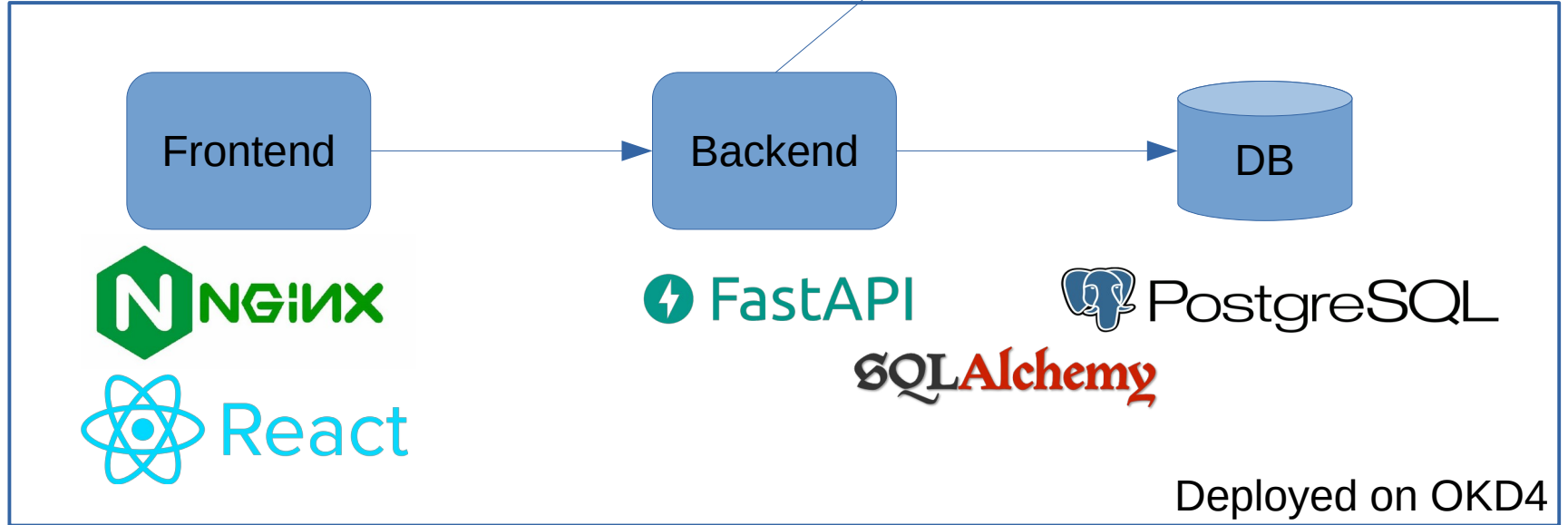
```
=> select distinct(owner) from events;
      owner
-----
b6c72947ab330e22132efdacc0e74a1b2ef7c231970c94ad26748ad9508bb2e7
f1997fa1d1ec470075db4ff0a611fb1741987269d8be4e921229cbb6f4c2c4bb
eebb58e8df493acd9b4043992af265bcfb5002cf8b2c08db135c91541e2b2c5d
(3 rows)
```

```
=> select * from questions;
```

id	event_id	text	votes	answered	deleted
9a8d08c0-7930-4c0e-b043-4750e8565012	42G32P	What can't talk but will reply when spoken to?	0	t	f
9ed175a2-b3d6-4bc5-b45e-8c6fdbb47793	R2bj2Z	My test question	2	f	f
d7edba14-364a-4ae0-aea6-09c359dca085	R2bj2Z	When I delete the event in this app, I delete it even on Indico?	0	f	f
178423a6-39e2-4cc3-b730-ed112c3f5f65	42G32P	There's a one-story house in which everything is yellow. Yellow walls, yellow doors, yellow furniture. What color are the stairs?	2	t	f
a16058a2-7a17-4dba-9039-deed022bd454	bqMBYg	meretelelel	-1	f	f
1a0bdb37-6196-4ecf-8ff0-72655c8f1daf	42G32P	I have branches, but no fruit, trunk or leaves. What am I?	1	t	f
853d1d35-c47d-4981-be84-88dec4628f0d	x2Xmq9	what about the stuff	1	f	f
d50b0ef4-441f-4d6c-9b31-e93c15e44cdf	42G32P	Riddles are dumb, why are we doing riddles now?	0	f	t
4056312b-c435-420e-9772-cfc427e57a50	42G32P	The more of this there is, the less you see. What is it?	-1	f	f
ce76f73d-1245-4b75-ae40-cef6b0449c6e	42G32P	i am testing	-1	f	f
e5eea317-9e65-46d1-859b-de19cacd4b6b	42G32P	Why?	2	f	f
d8aad970-fca1-485a-9152-3e7f84e956a0	R2bj2Z	?	1	t	f
237b5680-9975-4218-af9e-240a1751a627	g275Yn	ghsdfqsdg	0	f	f
f9469b14-58bb-43bb-9c97-5f7ab5e52d00	g275Yn	<b>asdads</b>	0	t	f
c7ff00ab-a7c4-4986-90f0-65af9c47b130	42G32P	0	0	f	f
88cf932d-9bd2-4d79-b63f-9b2dfb140f7c	42G32P	c'est, quoi; ce, bordel	0	f	f



# Architecture



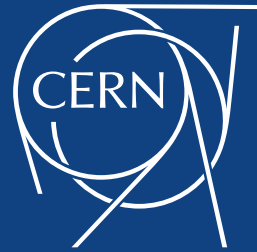
# Live demo

<https://liveqna.web.cern.ch/event/BqZJqX>

# Links

- Main page: <https://liveqna.web.cern.ch>
- Source code: <https://gitlab.cern.ch/airibarr/liveqna>
- FastAPI: <https://fastapi.tiangolo.com>
- React: <https://reactjs.org>





[www.cern.ch](http://www.cern.ch)

