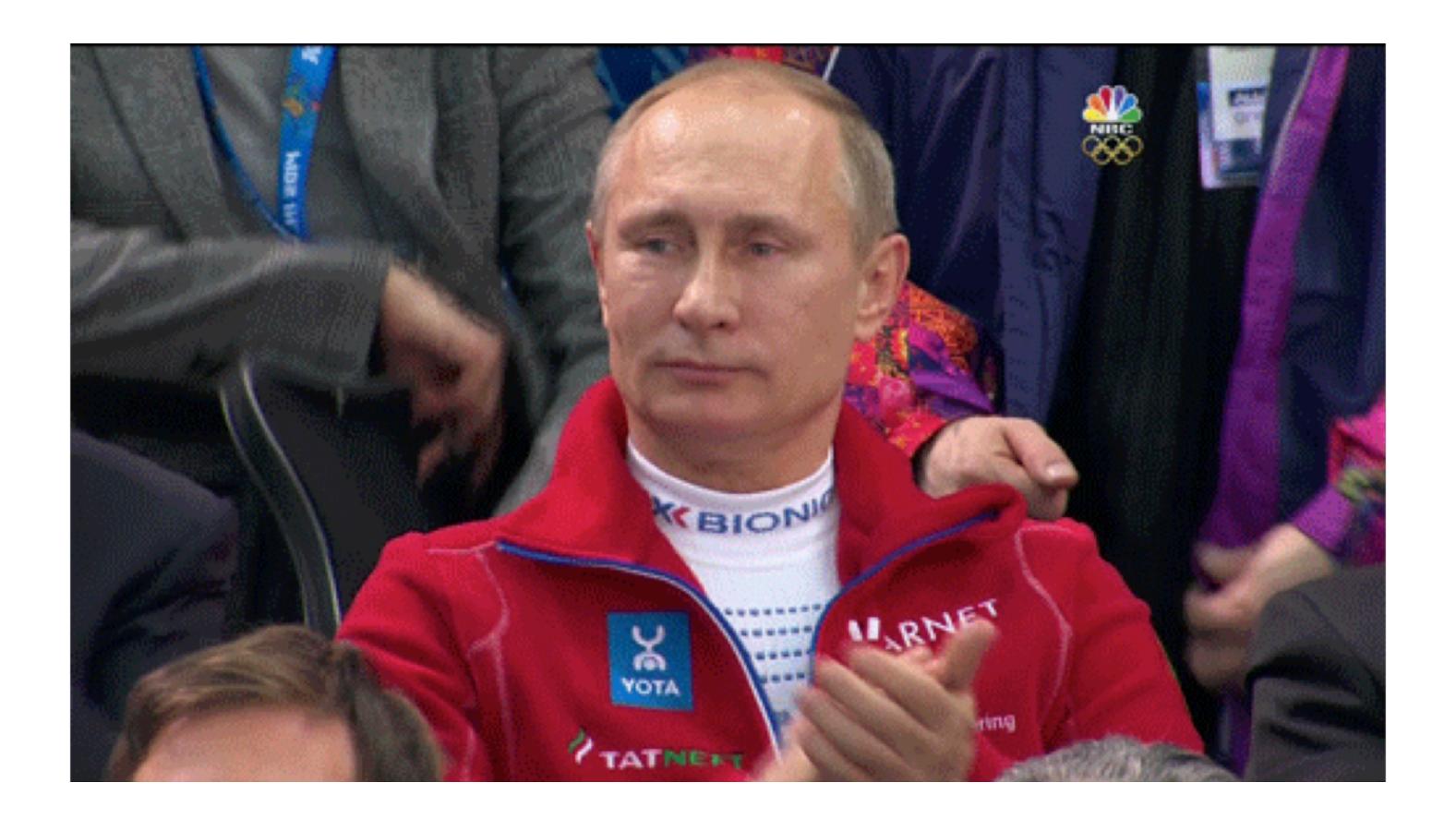# tuna vargı

---

# developer @ hipo

# RethinkDB?

# YET ANOTHER DOCUMENT DATABASE?

open source database for realtime web

# Async support for Tornado, Twisted and AsyncIO

ReQL

```
r.db('heroes').table('marvel').run(conn)

r.table('users').filter({'age': 30}).run(conn)

r.table('posts').get('a9849eef-7176-4411-935b-79a6e3c56a74').run(conn)

r.table("comments").get("7eab9e63-73f1-4f33-8ce4-95cbea626f59").delete().run(conn)
```

# Data Types

---

## Not only JSON

---

## Provides validation and speed

# Joins

---

# Geospatial

# MOST IMPORTANT PART

# CHANGES

```
r.table("messages").changes().run()
```

```
r.table("users").filter(r.row["age"] >
18).changes().run()
```

BUT YOU HAVE TO YIELD

# AWAIT / YIELD / YIELD FROM

```
await r.table("users").changes().run()
```

# LISTEN TO CHANGES IN USERS <TABLE>

```
{
  'old_val': None,
  'new_val': { 'id': 1, 'name': 'Slava', 'age': 31 }
}
```

# DEMO

github.com/vargi/asynciochat