

DataStax

Building a **NetFlix** Clone with Javascript



LEVEL
UP
with the

DataStax
Developers

Your presenters



Ryan Welford

Developer Advocate

Apache Cassandra™ expert

Front End Developer



Cedrick Lunven

Director of Developer Advocacy

Apache Cassandra™ expert

Open Source Developer

Java Geek

 [@RyanWelford](#)

 [@ryanwelford](#)

 [@clun](#)

  [@clunven](#)



Your presenters



Aleks Volochnev

Developer Advocate at DataStax

- Apache Cassandra™ expert
- Experienced developer and educator
- Certified cloud architect



Cedrick Lunven

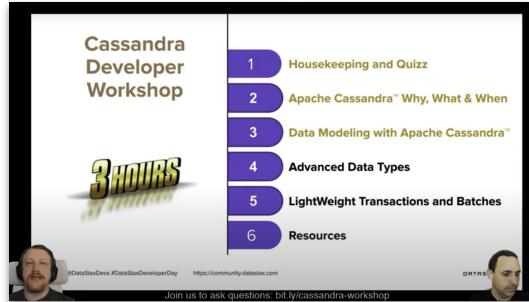
Director of Developer Advocacy at DataStax

- Apache Cassandra™ expert
- Kubernetes rookie
- Java Geek



Housekeeping Workshop

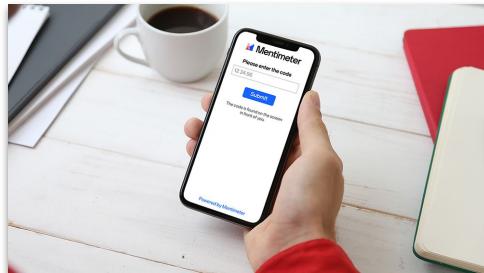
Livestream: youtube.com/DataStaxDevs



Questions: <https://dtsx.io/discord>



Games and quizzes: menti.com



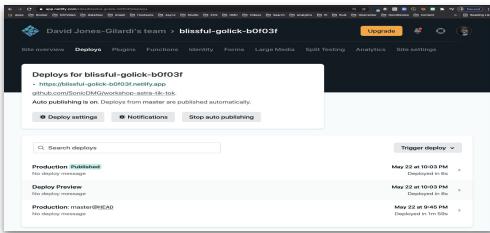
Nothing to install !

HouseKeeping: Hand-ons

Source code + exercices + slides



Deploy + Run + host



IDE

```
index.js
1 import React from 'react';
2 import ReactDOM from 'react-dom';
3 import './index.css';
4 import Home from './pages/home';
5 import Header from './components/header';
6 import Footer from './components/footer';
7 import 'core-js/stable';
8 import 'regenerator-runtime/runtime';
9 import './app.css';
10
11 const App = () => {
12
13   return (
14     <div>
15       <header>
16         <div>
17           <a href="#">Upload</a>
18           <a href="#">About</a>
19         </div>
20       </header>
21       <main>
22         <div>
23           <h1>Hello</h1>
24           <button>Click me</button>
25         </div>
26       </main>
27       <Footer />
28     </div>
29   );
30 }
31
32 document.addEventListener('DOMContentLoaded', () => {
33   const app = document.getElementById('root');
34   ReactDOM.render(<App />, app);
35 })
```

Database + GraphQL + PlayGround



DataStax
Astra DB

Gitpod

DataStax Developers

- **BEGINNERS**

- Relax, no complex code to write
- Get the most of if by following what presenters do and ask Questions !

- **INTERMEDIATES**

- Scroll and do exercises on your own PACE
- Sample code, ready to go to copy-paste

- **EXPERTS**

- Run stuff locally
- Challenge



Achievement Unlocked!



Netflix Clone with GraphQL Workshop

Public

Created on Jun 7, 2021

Upgrade Complete! This badge is to certify successful completion of the DataStax Workshop: "Netflix Clone with GraphQL".

[Award Badge](#)

[Bulk Award from CSV](#)

[Overview](#) [Awards \(0\)](#) [Data Management](#)

EARNING CRITERIA

Recipients must complete the earning criteria to earn this Badge

To earn this badge, individuals must complete the following steps during the *Netflix Clone with GraphQL* Workshop:

- Attend the lecture
- Complete the practical steps by doing all required exercises



DATA MODELING
WORKSHOP

DataStax Developers



K8SSANDRA
WORKSHOP

DataStax Developers



TikTok Clone
WORKSHOP

DataStax Developers



INTRODUCTION TO
cassandra
WORKSHOP

DataStax Developers

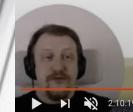
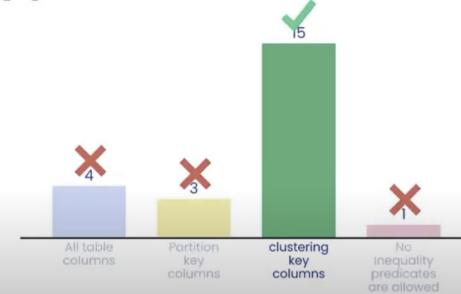
PLAY WITH US !



Go to: [menti.com](https://www.menti.com)

Go to www.menti.com and use the code 3491 9972

Inequality predicates are allowed on ...



Big paycheck

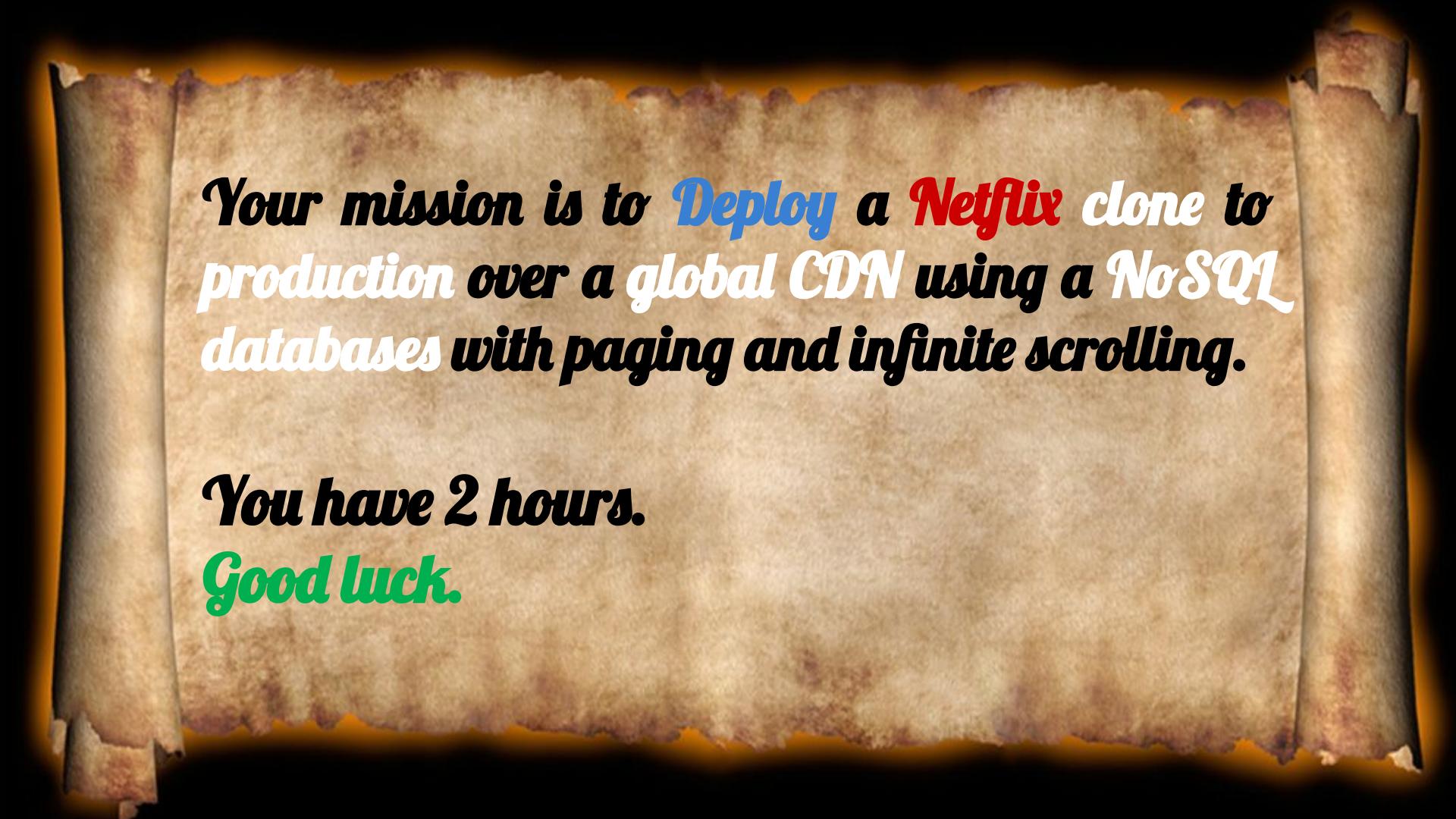
Go to www.menti.com and use the code 3491 9972

Leaderboard

4821 p		spanda
4820 p		Agent X9
4775 p		Sam
4711 p		CCedrickThePresenter
4468 p		shubham
4371 p		aaa
3895 p		vignesh
3877 p		adry
3861 p		Millie
3812 p		Puggie



DataStax

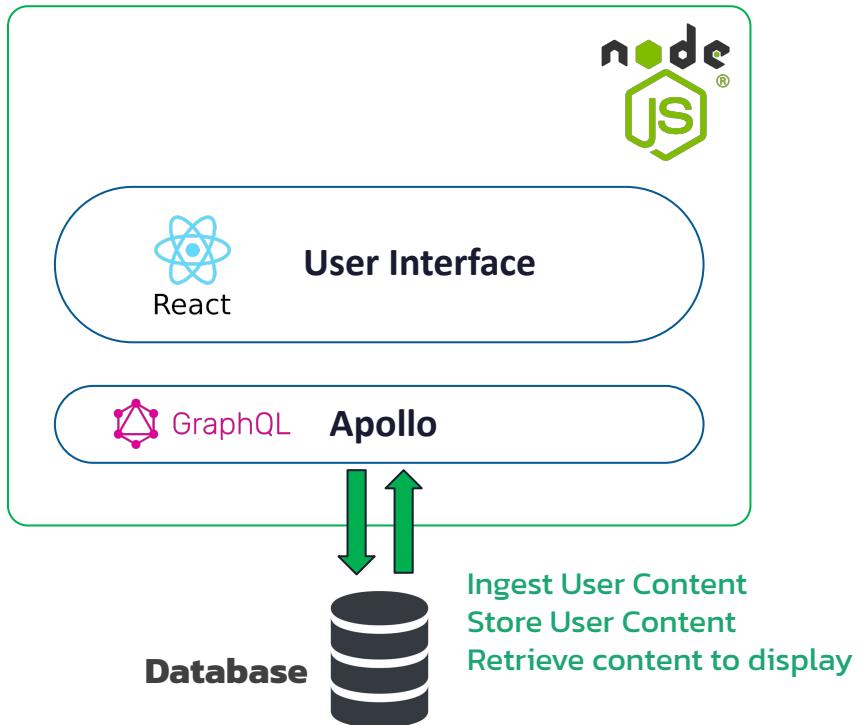


Your mission is to Deploy a Netflix clone to production over a global CDN using a NoSQL databases with paging and infinite scrolling.

You have 2 hours.

Good luck.

Break our Application down

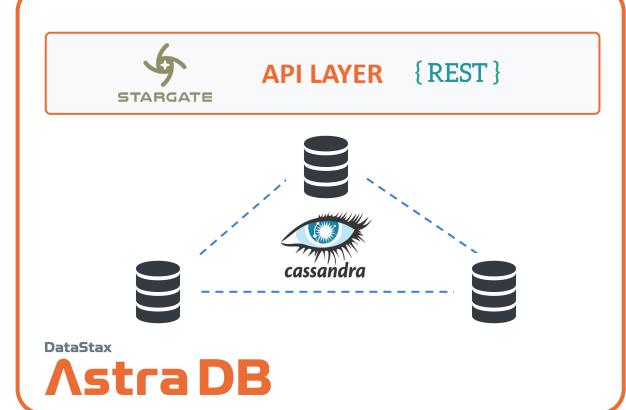


 Create Astra DB

Create Instance + token



DataStax
Repository



DataStax Developers

HandsOn#1: Setup Database

DataStax



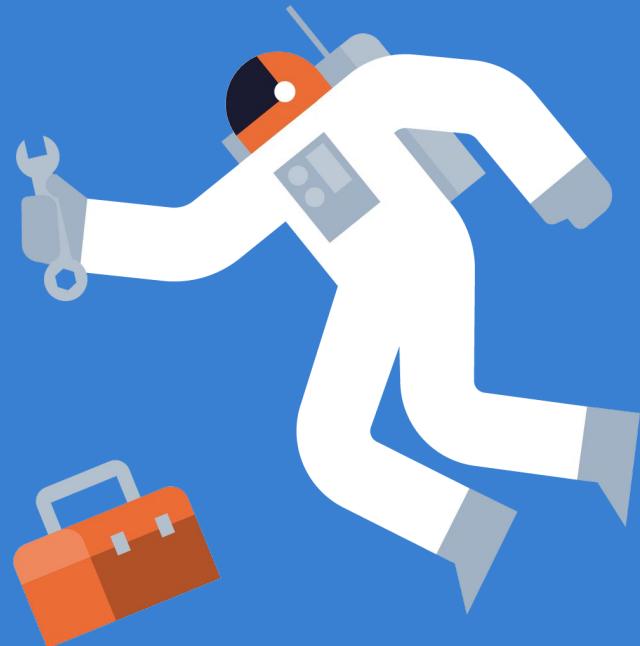
Get your instance here:

- <http://dtsx.io/netflix-workshop-1>



Repository:

- <https://github.com/workshop-graphql-netflix>





DataStax
Repository



Your
Repository

Λ Create Astra DB

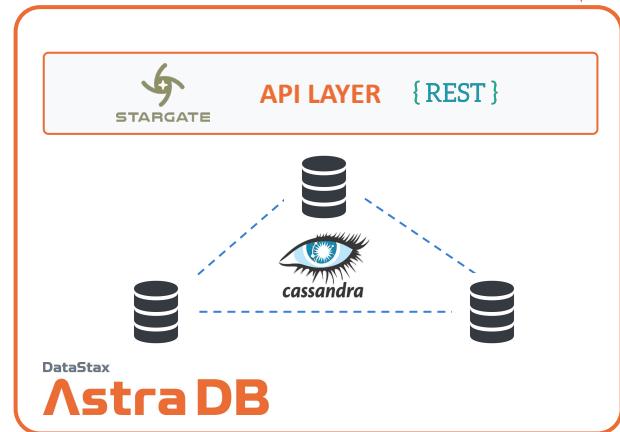
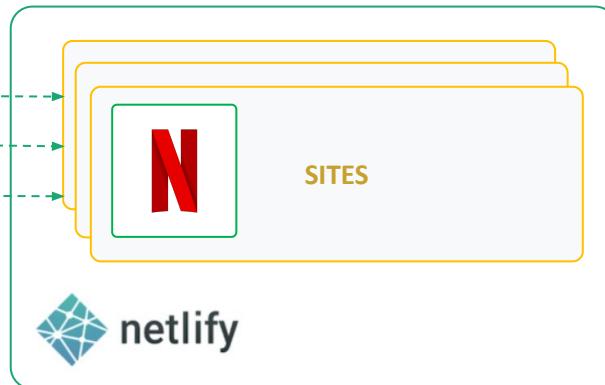
Create Instance + token

❖ Deploy to Netlify

Create Site

Fork + Link

Push Code + Build



DataStax Developers



**DataStax
Repository**

Create Astra DB

Create Instance + token

Deploy to Netlify

Create Site

Fork + Link

Push Code + Build



Your
Repository

Open in Gitpod

EditCode + Setup + Run Locally

```

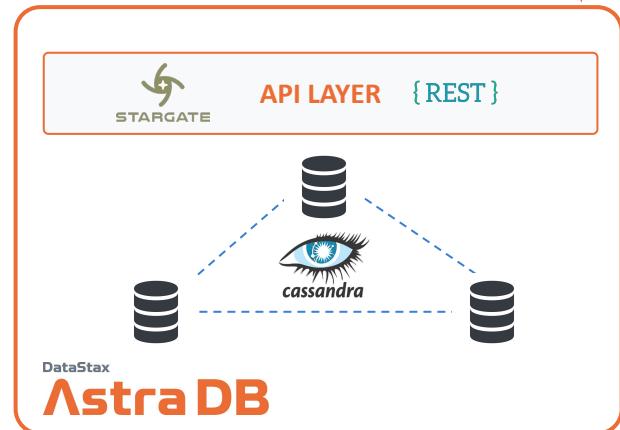
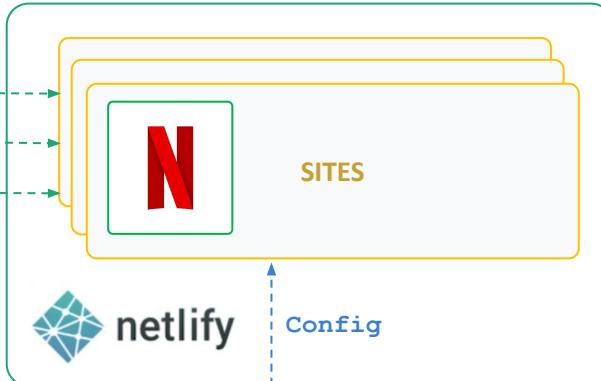
    .vscode
    ├── index.js
    ├── package-lock.json
    ├── package.json
    └── README.md
  
```

```

    index.js
    1 import React from 'react';
    2 import ReactDOM from 'react-dom';
    3 import { BrowserRouter, Route, Switch } from 'react-router-dom';
    4 import Home from './pages/Home';
    5 import Upload from './pages/Upload';
    6 import Header from './components/Header';
    7 import Footer from './components/Footer';
    8 import 'regenerator-runtime/runtime';
    9 import './App.css';
    10
    11 const App = () => {
    12   return (
    13     <BrowserRouter>
    14       <Header />
    15       <Switch>
    16         <Route path="/upload" component={Upload} />
    17         <Route path="/" component={Home} />
    18       </Switch>
    19     </BrowserRouter>
    20   );
    21 }
    22
    23
    24
    25
    26
    27
    28
    29
    30
    31
    32
    33
    34
    35
    36
    37
    38
  
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

Gitpod



DataStax Developers



**DataStax
Repository**

Open in Gitpod

**Your
Repository**



EditCode + Setup + Run Locally

```

src > index.js
1  import React from 'react';
2  import ReactDOM from 'react-dom';
3  import { BrowserRouter, Route, Switch } from 'react-router-dom';
4  import Home from './pages/Home';
5  import Upload from './pages/Upload';
6  import Header from './components/Header';
7  import Footer from './components/Footer';
8  import 'regenerator-runtime/runtime';
9  import './App.css';
10
11 const App = () => {
12
13   return (
14     <BrowserRouter>
15       <header>
16         <Switch>
17           <Route path="/upload" component={Upload}/>
18           <Route path="/" component={Home}/>
19         </Switch>
20       </header>
21     )
22   }
23
24
25   export default App
26
27   ReactDOM.render(
28     <React.StrictMode>
29       <App/>
30     </React.StrictMode>,
31     document.getElementById('root')
32   )

```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

Gitpod

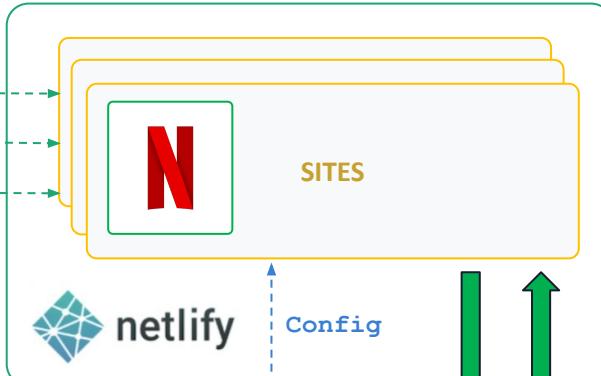
Create Instance + token

Deploy to Netlify

Create Site

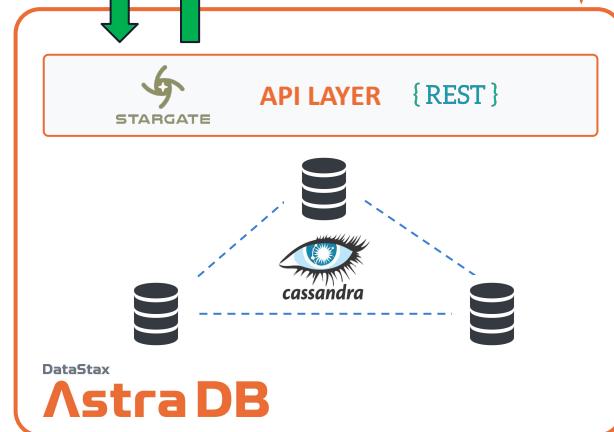
Fork + Link

Push Code + Build



SITES

Config



DataStax Developers

HandsOn#2: Deploy to prod

DataStax



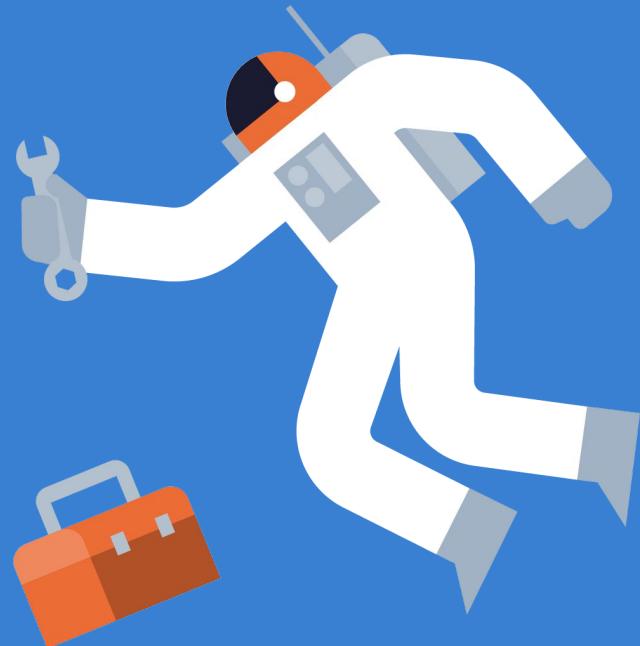
Get your instance here:

- <http://dtsx.io/netflix-workshop-1>



Repository:

- <https://github.com/workshop-graphql-netflix>



HandsOn#3: Bonus

DataStax



Get your instance here:

- <http://dtsx.io/netflix-workshop-1>



Repository:

- <https://github.com/workshop-graphql-netflix>



PLAY WITH US !



Go to: [menti.com](https://www.menti.com)

Go to www.menti.com and use the code 3491 9972

Inequality predicates are allowed on ...

A bar chart titled 'Inequality predicates are allowed on ...'. It shows four categories: 'All table columns' (blue bar, value 4), 'Partition key columns' (yellow bar, value 3), 'clustering key columns' (green bar, value 15, marked with a green checkmark), and 'No inequality predicates are allowed' (pink bar, value 1, marked with a red X). The x-axis labels are 'All table columns', 'Partition key columns', 'clustering key columns', and 'No inequality predicates are allowed'. The y-axis ranges from 0 to 15.

2.10.19 / 2.26.05

Go to www.menti.com and use the code 3491 9972

Leaderboard

4821 p		spanda
4820 p		Agent X9
4775 p		Sam
4711 p		CCedrickThePresenter
4468 p		shubham
4371 p		aaa
3895 p		vignesh
3877 p		adry
3861 p		Millie
3812 p		Puggie

2.11.07 / 2.26.05

DataStax



HOMEWORK

#1 – [Complete hands-on]

Import a movie you like in the DB with GraphQL (step 7)

Show Screenshot of YOUR **Netflix** clone running in Netlify.

#2 – [(Optional) Ania video]

<https://www.youtube.com/watch?v=g8C0h40v2jU>

All needed info in github repo

<https://github.com/datastaxdevs/workshop-graphql-netfliix>

Get your badge!
(and brag on LinkedIn)



Developers

The screenshot shows the DataStax Developers YouTube channel page. At the top, there's a banner with the text "LEVEL UP with the DataStax Developers". Below the banner, the channel name "DataStax Developers" is displayed with 8.47K subscribers. There are buttons for "CUSTOMIZE CHANNEL" and "MANAGE VIDEOS". The main content area features a "Leaderboard" section with a list of names and profile pictures, and a "Level up with the DataStax Developers!" video thumbnail. Below this, there's a "Sign up to our Event Alert mailing list" section with a link. The bottom of the page shows "Upcoming live streams" for various topics like "Cassandra + Quarkus!", "Implement & Consume APIs", and "Bootiful Cassandra! Coding with Josh Long".

- ✓ Academy.datastax.com
- ✓ datastax.com/dev
- ✓ community.datastax.com
- ✓ Datastax Developers **YouTube Channel**

datastax.com/dev/certifications



Vouchers (regular price 145\$) , valid 3 months, with 2 attempts

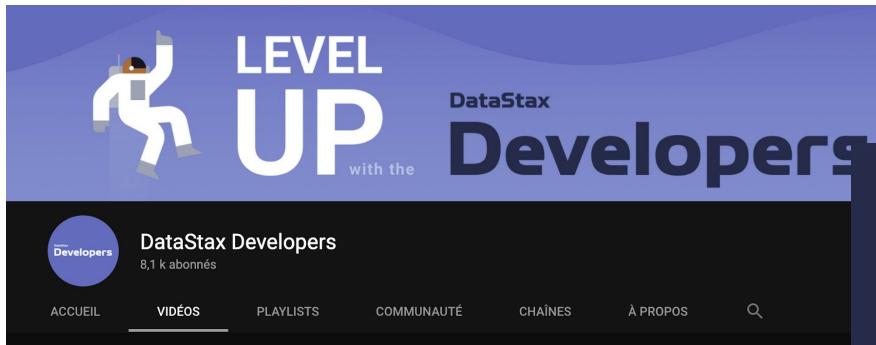
Get ready, take a course first, they are free!

LEARNING PATHS at the academy.datastax.com



Weekly Workshops

datastax.com/workshops



LEVEL UP with the DataStax Developers

8,1 k abonnés

ACCUEIL VIDÉOS PLAYLISTS COMMUNAUTÉ CHAÎNES À PROPOS

Vidéos mises en ligne ▾ TOUT REGARDER

Hands-on live workshop Microservices with Cassandra + Spring 1:23:56 ADVANCED TOPIC	Hands-on live workshop Advanced Data Modeling with Aleksey Volkov 2:41:51 INTERMEDIATE TOPIC	LIVE hands-on workshop An Introduction to Apache Cassandra™ with Aleksey Volkov 1:28:14 INTERMEDIATE TOPIC	Hands-on live workshop Streaming to C* with Apache Pulsar! with Cedrick Lumeau 2:11:40 INTERMEDIATE TOPIC	Apache Cassandra™ Certification Preparation
Building Microservices with Cassandra + Spring 1,1 k vues • Diffusé il y a 20 heures	Advanced Data Modeling in Apache Cassandra™ 1,3 k vues • Diffusé il y a 1 semaine	Polska DataOps Meetup: Introduction to Apache... 151 vues • Diffusé il y a 1 semaine	Bring Streaming to Cassandra with Apache... 703 vues • Diffusé il y a 2 semaines	Apache Cassandra™ Certification Preparation Multiple Dates NoSQL Beginner
Taking your K8s app to the Cloud! 1 k vues •	RESTful Data Access from a Spring Boot App 215 vues • il y a 1 mois	Ask Me Anything Hackathon Special 667 vues • Diffusé il y a 1 mois	Connecting Apache Cassandra™ and Kubernetes 1,1 k vues • Diffusé il y a 1 mois	Build Microservices with Apache Cassandra™! Feb 17 or Feb 18 NoSQL Beginner
Learn how to build a Serverless Game! Feb 24 or Feb 25 Game Development Beginner	Build Microservices with Cassandra & Quarkus March 11 Microservices Beginner			

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for weekly content on building modern applications

Subscribe

Upcoming Live Events

LIVE hands-on workshop </>

Apache Cassandra™ Certification Preparation

MULTIPLE DATES | NoSQL | Beginner

LEVEL UP with the DataStax Developers

Certification Exam Preparation Workshop

Register Now

LIVE hands-on workshop </>

Build Microservices with Apache Cassandra™!

FEB 17 OR FEB 18 | NoSQL | Beginner

LEVEL UP with the DataStax Developers

Cloud-Native Workshop: Build Spring Microservices with Apache Cassandra™

Register Now

LIVE hands-on workshop </>

Learn how to build a Serverless Game!

FEB 24 OR FEB 25 | Game Development | Beginner

LEVEL UP with the DataStax Developers

Cloud-Native Workshop: Build a serverless game with the JAMStack!

START

Register Now

LIVE hands-on workshop </>

Build Microservices with Cassandra & Quarkus

MAR 11 | Microservices | Beginner

LEVEL UP with the DataStax Developers

Cloud-Native Workshop: Build Microservices w/ Apache Cassandra™ + Quarkus!

THU MAR 11 2021

Register Now

Join our 11k Discord Community

The Fellowship of the RINGS

<https://bit.ly/cassandra-workshop>

The screenshot shows the main-chat-room channel of the Fellowship of the Rings Discord server. The channel has approximately 11,000 members. A message from Jack Fryer at 14:30 announces a new workshop alert: "Cassandra meets Kubernetes! Come and meet K8ssandra! A cloud-native distribution of Apache Cassandra™ built for running on Kubernetes". It includes a link to the eventbrite ticket page: <https://www.eventbrite.co.uk/e/cloud-native-workshop-connecting-cassandra-and-kubernetes-tickets-142078180663>. Below the message is a promotional image for the "Apache Cassandra™ meets Kubernetes!" workshop, which is a hands-on workshop for developers. Another message from Cedrick Lunven at 16:18 invites the community to a live talk on Spring + Cassandra to the Virtual Java User Group at 50 min. The message includes a link: <https://www.youtube.com/watch?v=nuyPKDQn1gl>.

RECHERCHER

PRESENTER—3

- Aleks Volochnev
- David Jones-Gilardi
- jscarp

HELPER—1

- John Sanda

EN LIGNE—227

- Abhiprada
- Absurdism
- hiya
- Adalberto
- aditya_dhunna
- adnaneCord
- Adrigunz
- Aemilius Gaurav
- Aemilius gaurav
- Aguvas
- ajscilingo
- akashTaxvisor

Envoyer un message à #main-chat-room

Cassandra Day India

JULY 10TH 2021

One day, two tracks, over 12 hours of pure data knowledge with the best NoSQL experts and guest speakers. Boost your career and reach the new level with DataStax Developers!



DataStax Developers

Thank you!



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