



Building a TikTok Clone with Javascript



LEVEL
UP
with the

DataStax
Developers

Your presenters



Cedrick Lunven
Director of Developer Advocacy

Apache Cassandra™ expert

Open Source Developer

Java Geek

 @clun

  @clunven



David Jones-Gilardi
Developer Advocate

Apache Cassandra™ expert

Experienced developer and educator

Still have an Oracle 8 cert somewhere from the mid 90's



@SonicDMG



@david-gilardi

Your presenters



Ryan Welford
Developer Advocate

Apache Cassandra™ expert
Front End Developer



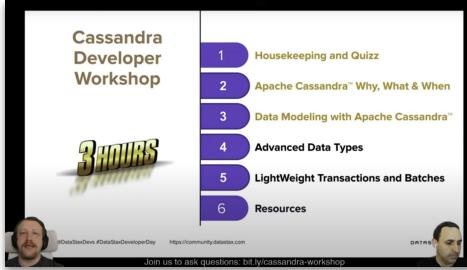
David Jones-Gilardi
Developer Advocate

Apache Cassandra™ expert
Experienced developer and educator
Still have an Oracle 8 cert somewhere from the mid 90's

 [@RyanWelford](#)
 [@ryanwelford](#)

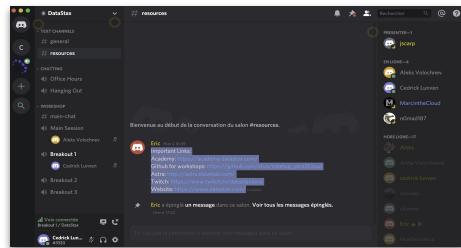
  [@SonicDMG](#)
 [@david-gilardi](#)

Courses: youtube.com/DataStaxDevs

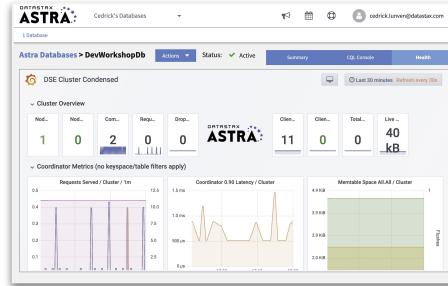


Join us to ask questions. bit.ly/cassandra-workshop

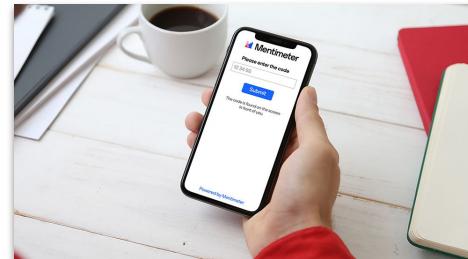
Questions: bit.ly/cassandra-workshop



Runtime: <http://dtsx.io/tik-tok-clone>



Quizz: menti.com



app.netlify.com/sites/blissful-golick-b0f03f/deploy

Paused

Apps Docker KillVideo DataStax Graph Hootsuite Async Studio ECS Videos Search Analytics PI Bulk OpsCenter DocsReview Content Reading List

David Jones-Gilardi's team > blissful-golick-b0f03f

Upgrade

Site overview Deploy Plugins Functions Identity Forms Large Media Split Testing Analytics Site settings

Deploys for blissful-golick-b0f03f

- <https://blissful-golick-b0f03f.netlify.app>

github.com/SonicDMG/workshop-astra-tik-tok.

Auto publishing is on. Deploys from master are published automatically.

Deploy settings Notifications Stop auto publishing

Search deploys

Production Published
No deploy message

Deploy Preview
No deploy message

Production: master@HEAD
No deploy message



blissful-golick-b0f03f.netlify.app/

TikTok

For You

Following

Your top accounts

lana_del_away Lana Del Monte

angiecakes Angela Lee

aniak100 Anita Kubow 21-05

YoooooSSS

0:00

0 0 0

Suggested accounts

timmytam Tim Solowski

nina_lina Nina Xen

aniak100 Anita Kubow

aniak100 Anita Kubow



==



Fully managed Cassandra
Without the ops!

DataStax Astra



Global Scale

Put your data where you need it without compromising performance, availability, or accessibility.



No Operations

Eliminate the overhead to install, operate, and scale Cassandra.



**5M writes, 30M reads, 40GB
Free Tier**

Launch a database in the cloud with a few clicks, no credit card required.

Difficulty: NORMAL

- **BEGINNERS**

- Relax, no complex code to write
- Get the most of it 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!



K8ssandra Workshop

Awarded to **Sylwester Lachiewicz** • slachiewicz@gmail.com
Issued on Mar 5, 2021

Offered By
DataStax Developers

Upgrade Complete! This badge is to certify successful completion of the DataStax K8ssandra Workshop: "Running Apache Cassandra on Kubernetes".

 **Verified**
Last verified by Badgr on Mar 31, 2021

[Re-verify Badge](#)

EARNING CRITERIA
Recipients must complete the earning criteria to earn this badge

To earn this badge, individuals must complete the following steps during the **K8ssandra Workshop**:

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

[View External Criteria](#)

TAGS

kubernetes
cassandra



Hands-on exercise material

DataStax



Get your instance here:

- <http://dtsx.io/tik-tok-clone>



Repository:

- <https://github.com/datastaxdevs/workshop-astra-tik-tok>



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 has numerical values 1, 3, 4, and 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



Welcome to the TikTok clone workshop.

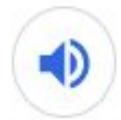
Your mission is to **Deploy** a **TikTok clone** to **production** over a **global CDN** using one of the **most robust and scalable** **NoSQL databases** on the **planet**.



You have 2 hours. Good luck.



Democratization of the application developer



de·moc·ra·tize

/də'mäkrə,tīz/

verb

introduce a democratic system or democratic principles to.

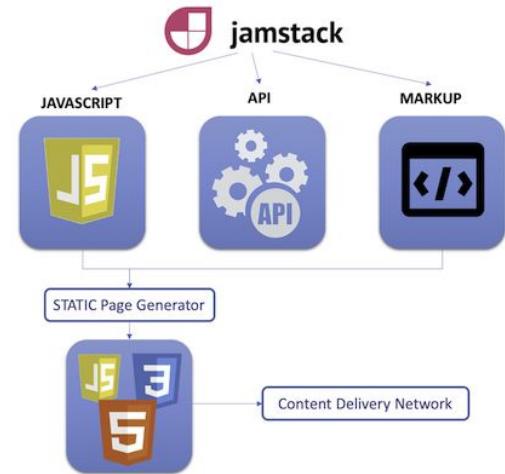
"public institutions need to be democratized"

- make (something) accessible to everyone.

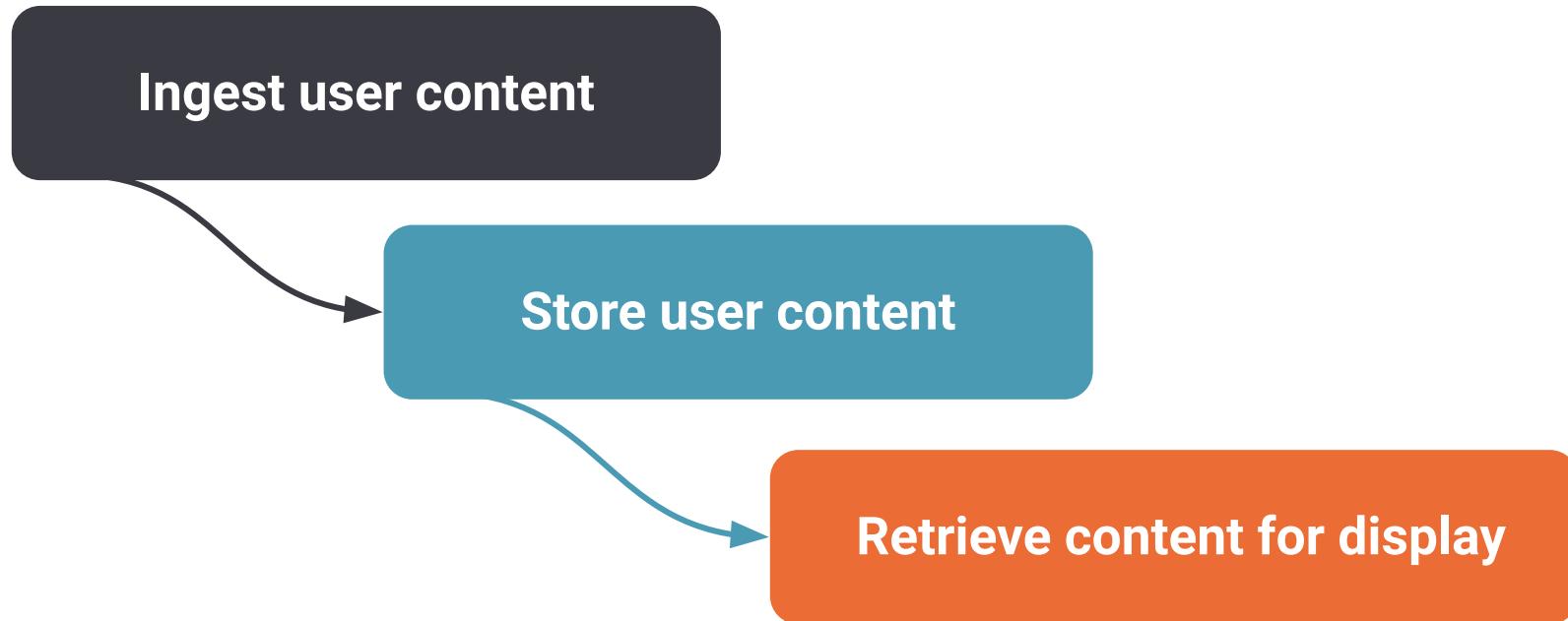
"mass production has not democratized fashion"



STARGATE DataStax Astra
<https://jamstack.org/>



Let's break it down...



HandsOn Part 1: Run and Deploy



DataStax

Astra

Get your instance here:

- <http://dtsx.io/tik-tok-clone>



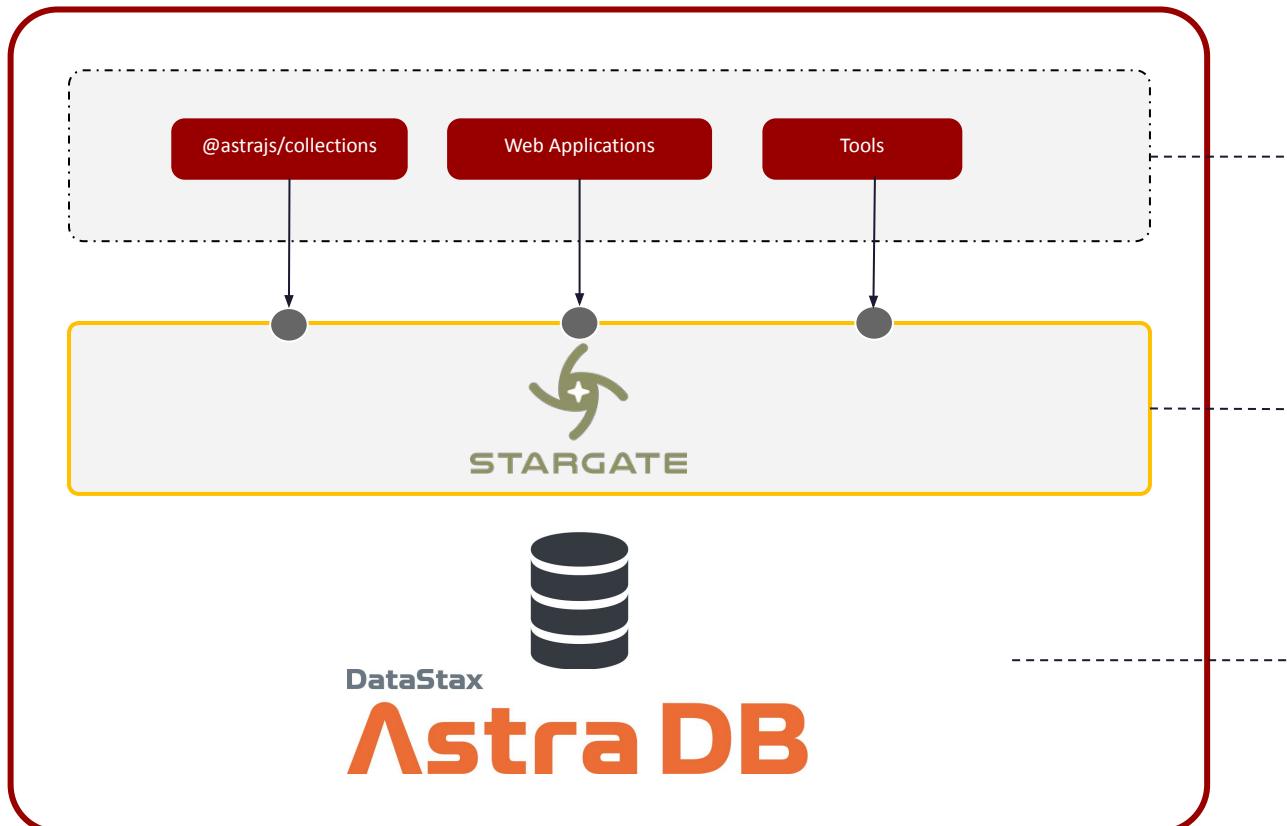
GitHub

Repository:

- <https://github.com/datastaxdevs/workshop-astra-tik-tok>



Database Connection



User Interface
Web apps
Developer Tools



STARGATE

A data gateway to allow multiple usages



cassandra

A Column oriented NoSQL Database

16

HandsOn Part 2: Database



DataStax

Astra

Get your instance here:

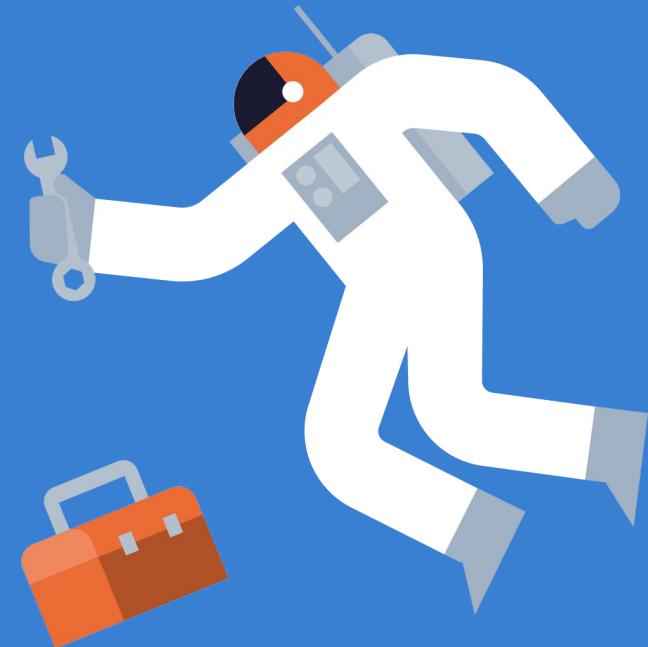
- <http://dtsx.io/tik-tok-clone>



GitHub

Repository:

- <https://github.com/datastaxdevs/workshop-astra-tik-tok>

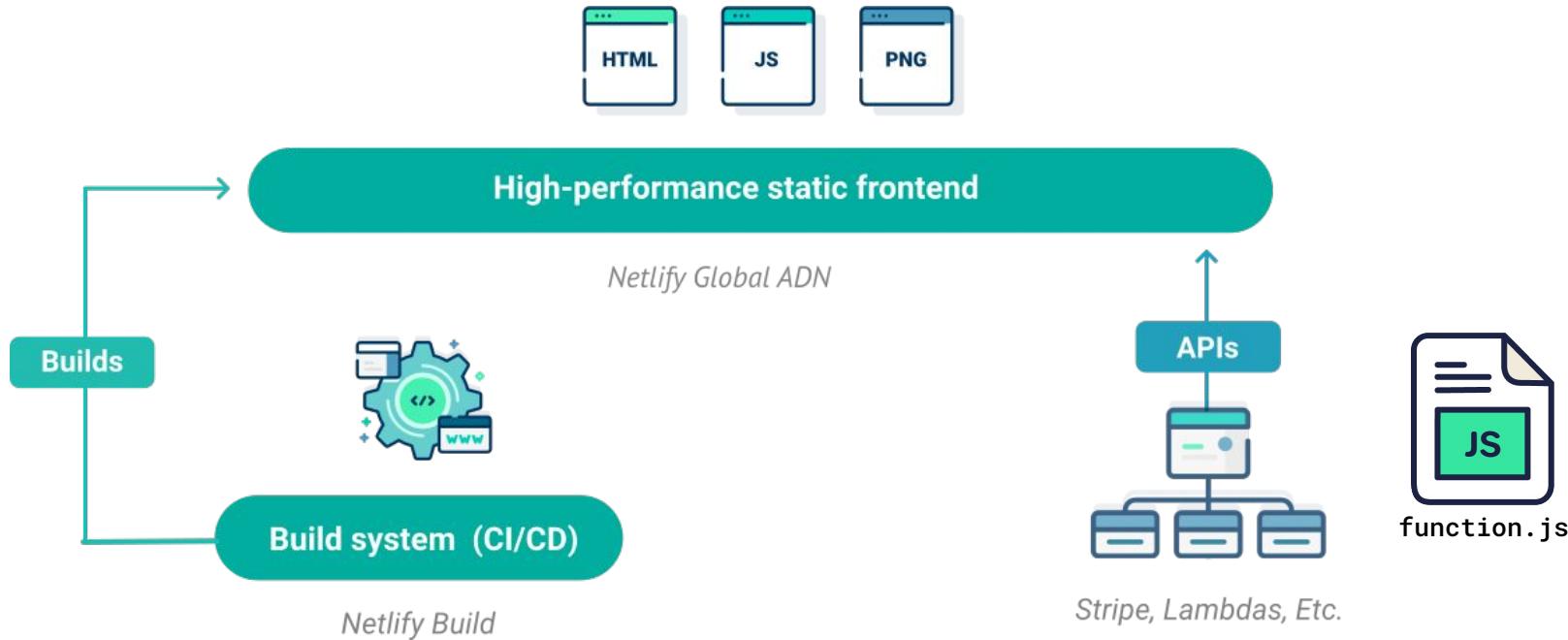


Serverless Functions



(...not this)

Serverless Functions



HandsOn Part 3: Serverless



DataStax

Astra

Get your instance here:

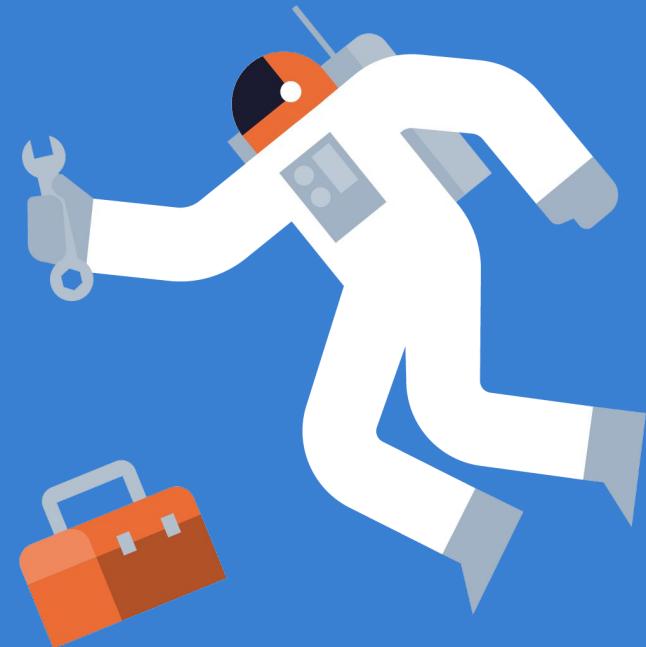
- <http://dtsx.io/tik-tok-clone>



GitHub

Repository:

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2.10.19 / 2.26.05

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

Leaderboard

4821 p		spanda
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3877 p		adry
3861 p		Millie
3812 p		Puggie

2.11.07 / 2.26.05

DataStax

#1 – [Complete hands-on]

Show Screenshot of YOUR tiktok clone running in Netlify

#2 – [(Optional) Ania video] –

<https://youtu.be/IATOicvih5A>

All needed info in github repo

<https://github.com/datastaxdevs/workshop-astra-tik-tok>

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" with four items: "Cassandra + Quarkus!", "Implement & Consume APIs", "Implement & Consume APIs", and "Bootiful Cassandra! Coding with Josh Long". Each stream has a "LIVE" indicator.

- ✓ 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

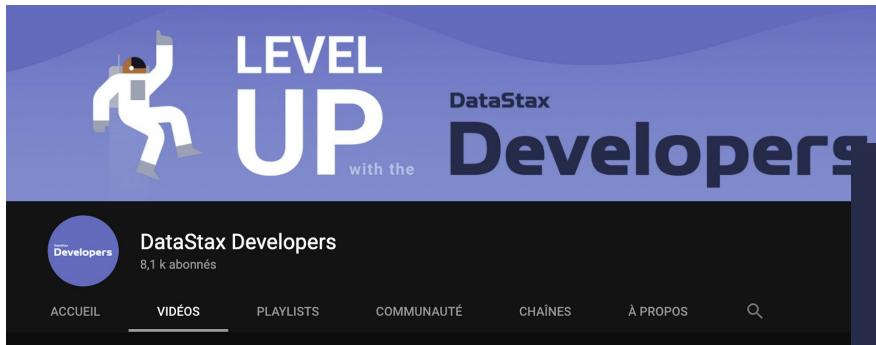
Get ready, take a course first, they are free!

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	A
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	Introduction Cassandra™ 1,6 k vues • Diffusé il y a 3 semaines
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	An Easy Backend API with Apache... 2,3 k vues • D

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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

March 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>

A screenshot of the Fellowship of the Rings Discord server's main chat room. The left sidebar shows categories like WORKSHOPS, TOPICS, and MODERATOR-ONLY. The WORKSHOPS category lists '# main-chat-room' (selected), '# Breakout room 1', '# Breakout room 2', '# Breakout room 3', and '# Hidden Channel'. The TOPICS category lists '# grafana-cassandra-data...' and '# docker-training'. The right sidebar lists PRESENTER—3 (Aleks Volochnev, David Jones-Gilardi, jscarp), HELPER—1 (John Sanda), and EN LIGNE—227 (Abhiprada, Absurdism, hiya, Adalberto, aditya_dhunna, adnaneCord, Adrigunz, Aemilius Gaurav, Aemilius gaurav, Aguvas, ajscilingo, akashTaxvisor). The main channel has messages from Jack Fryer (@ 14:30) about a new workshop, Cedrick Lunven (@ 16:18) about a live talk, and a message from Shruti (@ 14:30) about Cassandra meets Kubernetes. A large eventbrite embed for 'Cloud-Native Workshop: Connecting Cassandra and Kubernetes!' is displayed in the center.

thank everyone! we hope to see you again in a future workshop! 🍻

Jack Fryer Aujourd'hui à 14:30
NEW WORKSHOP ALERT

Cassandra meets Kubernetes!

Come and meet K8ssandra! A cloud-native distribution of Apache Cassandra™ built for running on Kubernetes

<https://www.eventbrite.co.uk/e/cloud-native-workshop-connecting-cassandra-and-kubernetes-tickets-142078180663>

Eventbrite

Cloud-Native Workshop: Connecting Cassandra and Kubernetes!

Come and meet K8ssandra! A cloud-native distribution of Apache Cassandra™ built for running on Kubernetes

LIVE hands-on workshop </>

Apache Cassandra™ meets Kubernetes!

March 3 or March 4 | Cloud-native | Beginner

LEVEL UP Developers

Cedrick Lunven Aujourd'hui à 16:18
Hey Community I will be live tonight for 50 min talk on Spring + Cassandra to the Virtual Java User Group
<https://www.youtube.com/watch?v=nuyPKDQn1gl> come and say hi ?

Envoyer un message à #main-chat-room

DataStax Developers

Thank you!



Subscribe

