



Monthly Community Call

November 9, 2022



Community Code of Conduct



- We want to foster an open and welcoming environment where everyone feels they belong in the Cube community.
- The full text of our Code of Conduct is available at https://github.com/cube-js/cube.js/blob/master/CODE_OF_CONDUCT.md
- Any instances of inappropriate/unacceptable behavior can be reported to conduct@cube.dev.

What we will discuss today


- Community news
- Roadmap update (Q3 & Q4)
- Q&A


Community news

Events recap (<https://cube.dev/events>) 🎉

Nov 2, 2022  

Using Cube Views for metrics management



 **Igor Lukanin**
Head of Developer Relations at Cube



You can find both videos and slides from past events!

Check out all the videos on our YouTube channel [View on YouTube](#)

Oct 19, 2022 **The Data Stack Show, Episode 109: How Does Headless Business Intelligence Work?** 

Oct 13, 2022 **Headless BI with streaming data**  

If you received a survey for our last workshop, we want to hear from you! 😊

We are sponsors at the Trino Summit

<https://www.starburst.io/info/trinosummit/>

A free event in SF!

Hosted by  Starburst

 trino SUMMIT

NOVEMBER 10TH, 2022



THANK YOU TO OUR SPONSORS!



Announcing the Cube integration with Trino, the SQL query engine for big data

Perform interactive big data analytics with a fast and distributed query engine.



November 8, 2022

Trino



Igor Lukanin   

Head of Developer Relations at Cube

Check out the blog post at

<https://cube.dev/blog/cube-integration-with-trino-sql-query-engine-for-big-data>



Nov 15, 2022  Online

OSA Con 2022: Navigating the Modern Data Stack with Open-Source Headless BI



Artyom Keydunov


Co-founder and CEO at Cube





[Register Now](#)

- Cube is also a community sponsor for the event.
- You can find more information on OSA Con 2022 at <https://altinity.com/osa-con/>


Our next workshop

- Date: December 7, 2022 at 9am Pacific Time
- Topic: Replacing Looker with Cube and Metabase
- Register for the event at <https://cube.dev/events/replacing-looker-with-cube-and-metabase> 



Dec 7, 2022  Online

Replacing Looker with Cube and Metabase

 **Igor Lukanin**
Head of Developer Relations at Cube

[Register Now](#)

Self-service analytics with Metabase and Cube

Business intelligence for everyone, with consistency and without the SQL barrier.



October 27, 2022

Metabase



Adnan Rahic   

Senior Developer Advocate at Cube

Check out the blog post at

<https://cube.dev/blog/self-service-analytics-with-metabase-and-cube>

 Mountain View, CA

PrestoCon 2022: Headless BI architecture & trade-offs

PrestoCon 2022 is a two day conference in Mountain View, CA for the Presto community.

Dec 8, 2022 @ 4:25 PM

30 days left

Computer History Museum in Mountain View, CA

[Get directions](#)



Pavel Tiunov   

PhD, Co-founder and CTO at Cube

- Pavel will discuss Cube's implementation of Headless BI and architectural decisions that were made.
- More information on PrestoCon at <https://events.linuxfoundation.org/prestocon/>

Product roadmap updates

Q3'2022 roadmap update

Roadmap 2022 Q3

Updated 6 days ago

C

The screenshot shows a Jira roadmap board for Q3 2022. It is organized into three columns: 'Epics', 'In progress', and 'Done'. Each item in the board is an epic with associated tasks, pull requests, and labels like 'Roadmap: 2022 Q3'.

- Epics (1 item):**
 - Epic: Replace Redis with Cube Store** (#5042 opened by rpaik). Labels: `backend:cube-store`, `Epic`, `Roadmap: 2022 Q3`, `Roadmap: 2022 Q4`.
- In progress (4 items):**
 - Epic: Add YAML support** (#5045 opened by rpaik). Labels: `Epic`, `Roadmap: 2022 Q3`.
 - feat: YAML support** (#5539 opened by paveltunov). Labels: `Epic`, `Roadmap: 2022 Q3`. Status: 3 of 4 tasks.
 - docs: Update message about YAML support** (#5458 opened by keydunov). Labels: `Epic`, `Roadmap: 2022 Q3`. Status: Changes approved.
 - docs(schema): add YAML examples to Schema documentation** (#5561 opened by hassankhan). Labels: `docs`, `Epic`, `Roadmap: 2022 Q3`. Status: Draft.
- Done (10 items):**
 - Epic: Build metrics in Cube data model** (#5044 opened by rpaik). Labels: `Epic`, `Roadmap: 2022 Q3`. Status: 2 linked pull requests.
 - feat: Cube Views implementation** (#5278 opened by paveltunov). Labels: `Epic`, `Roadmap: 2022 Q3`. Status: 3 of 4 tasks.
 - docs(schema): improve Cube View documentation** (#5463 opened by hassankhan). Labels: `docs`, `Epic`, `Roadmap: 2022 Q3`.
 - feat: Includes and Excludes directives for Cube Views** (#5437 opened by paveltunov). Labels: `Epic`, `Roadmap: 2022 Q3`. Status: 3 of 4 tasks.
 - Epic: Streaming pre-aggregations** (#5043 opened by rpaik). Labels: `backend:pre-aggregations`, `Epic`, `Roadmap: 2022 Q3`.
 - feat: ksql support** (#3507 opened by paveltunov). Labels: `Roadmap: 2022 Q3`. Status: 3 of 4 tasks.
 - docs(schema): document unionWithSourceData and** (partially visible).

- Two of the epics done.
- YAML epic should be completed within ~week
 - See the preview of data modeling with YAML in the [Views blog post](#)
- Replacing Redis with Cube Store epic will continue in Q4
 - See [blog](#) for more context

See

<https://github.com/cube-js/cube.js/projects/13>

Q4'2022 roadmap

🌐 Roadmap 2022 Q4



View 1

+ New view

	Title	...	Assignees	...	Status	...	Linked pull requests	...
1	🕒 Epic: Replace Redis with Cube Store #5042			▼	In Progress	▼		
2	🕒 Epic: SQL API Improvements #5565			▼	Todo	▼		
3	🕒 Epic: Read-only drivers #5566			▼	Todo	▼		
4	🕒 Epic: Improved configuration #5567			▼	Todo	▼		

+ You can use `Control + Space` to add an item

See <https://github.com/orgs/cube-js/projects/4>

- We're now using the “new” GitHub projects

Epic: Replace Redis with Cube Store #5042

Edit

New issue

Open

0 comments



rpaik on Aug 1

Member



Currently, Cube relies on Redis for in-memory caching and queue management, and this is inefficient and not scalable. Redis cluster coordination consumes a lot of resources under the high load and becomes the bottleneck to scaling the API concurrency.

Cube Store will replace Redis for in-memory caching and queue management and you will find more details in this [blog post](#).



rpaik added **Epic** **Roadmap: 2022 Q3** labels on Aug 1



rpaik added this to Epics in **Roadmap 2022 Q3** on Aug 1

Assignees



No one—assign yourself

Labels



backend:cube-store **Epic**

Roadmap: 2022 Q3 **Roadmap: 2022 Q4**

Projects



Roadmap 2022 Q3
Epics ▾

Roadmap 2022 Q4

See our blog post at <https://cube.dev/blog/replacing-redis-with-cube-store>

Epic: <https://github.com/cube-js/cube.js/issues/5042>

Epic: SQL API Improvements #5565

Edit

New issue

Open 0 comments



rpaik 3 days ago · edited

Member



We will continue incrementally improving our SQL API to support more BIs and more advanced features of specific BIs. Below are some improvements planned:

- Join support
- Tableau paging, and other production polishes
- Timezone support
- Observability tools support (e.g., Monte Carlo)

rpaik added Epic Roadmap: 2022 Q4 labels 3 days ago

Assignees

No one—assign yourself

Labels

Epic

Roadmap: 2022 Q4

Projects

Roadmap 2022 Q4

Status: Todo

Epic: <https://github.com/cube-js/cube.js/issues/5565>

Epic: Read-only drivers #5566

Edit

New issue

Open 0 comments



rpaik 3 days ago

Member

Most of our drivers currently require write permissions to the source database in order to create temporary tables needed for bulk-exporting data. In Q4, we're going to review which drivers could potentially be migrated to read-only mode and do the refactoring.

Our initial focus will be on Cloud data warehouses, but we'd welcome community feedback on which drivers you'd like to see prioritized.

Assignees

No one—assign yourself

Labels

Epic

Roadmap: 2022 Q4

Projects

Roadmap 2022 Q4

Status: Todo

rpaik added Epic Roadmap: 2022 Q4 labels 3 days ago

See supported data sources at <https://cube.dev/docs/config/databases>

Epic: <https://github.com/cube-js/cube.js/issues/5566>

Epic: Improved configuration #5567

Edit

New issue

Open

0 comments



rpaik 3 days ago

Member



We are going to simplify some of the configuration steps, including:

- Date range (so you can do things like "last week," "last quarter," etc.)
- Dropping the requirement for selecting a default data source (esp. for multitenancy setup)
- ...



rpaik added

Epic

Roadmap: 2022 Q4

labels 3 days ago

Assignees



No one—assign yourself

Labels



Epic

Roadmap: 2022 Q4

Projects



Roadmap 2022 Q4

Status: Todo

Epic: <https://github.com/cube-js/cube.js/issues/5567>

