

Building a GraphQL API with Apollo Server

GETTING STARTED



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CLOUD APPLICATION ARCHITECT

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GitHub GraphQL API

Signed in as adhithiravi. You're ready to explore! [Sign out](#)

Heads up! GitHub's GraphQL Explorer makes use of your real, live, production data.

Prettify History

by Adhithi Ravichandran

In this course, you will learn about GraphQL, its core concepts, and why you should choose GraphQL to build your APIs. Explore the growing GraphQL ecosystem and tools that provide you a superior developer experience.

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Description

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LOBOMANTICS

THE FUTURE WAS FIVE MINUTES AGO.

We were there and it is going to be epic

FUTURE
CONFERENCE

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there in the future

DARK ENERGY

BRIGHTENING THE WORLD

ROBOTICS

THEY ARE HERE AND THEY PLAY

STRANGERS RISE

ASCENSION GOES TECHNICAL

◀ Session Information

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"description":"Est sunt nostrud ...",  
"startsAt":"8:00",  
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    "name":"Jean Ryan"  
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◀ Speaker Information



{

◀ Less Session Information

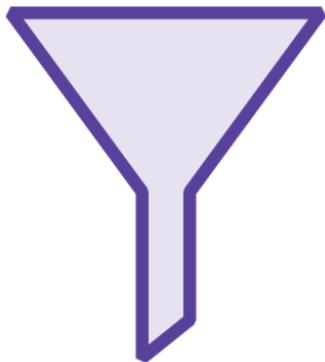
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"id":84473,  
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"track":".NET",
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}

◀ No Speaker Information

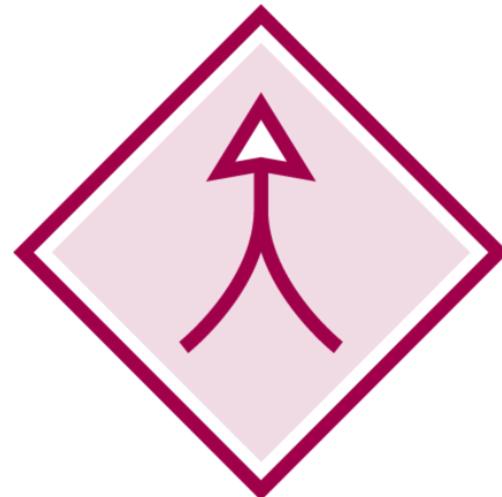


What GraphQL Brings



Customize Return Values

Pick only the data you need. No wasted data sent over the wire.



Multiple Resources

You can request multiple resources in a single http call.



It's Magic

Well, not really.





What Is Apollo?

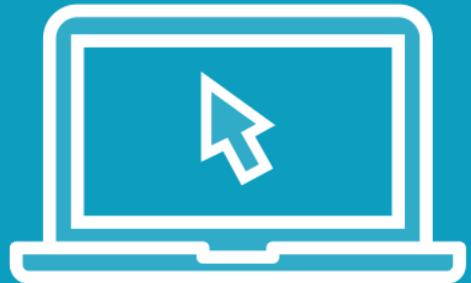
Apollo is a node.js implementation of GraphQL that does a lot of heavy lifting for us so we can just get to the business needs



Up Next:
Building the Environment



Demo



Building out the environment



Up Next:
Creating a schema



GraphQL Schemas



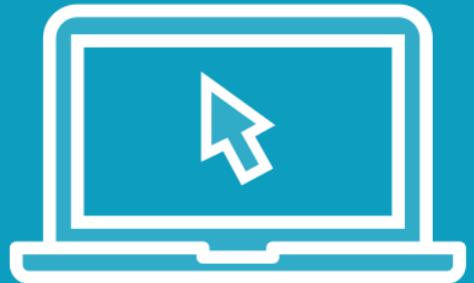
A schema allows the client
to understand what
properties are available
on your api.



And enables them to select
only the fields they want.



Demo



Creating a schema

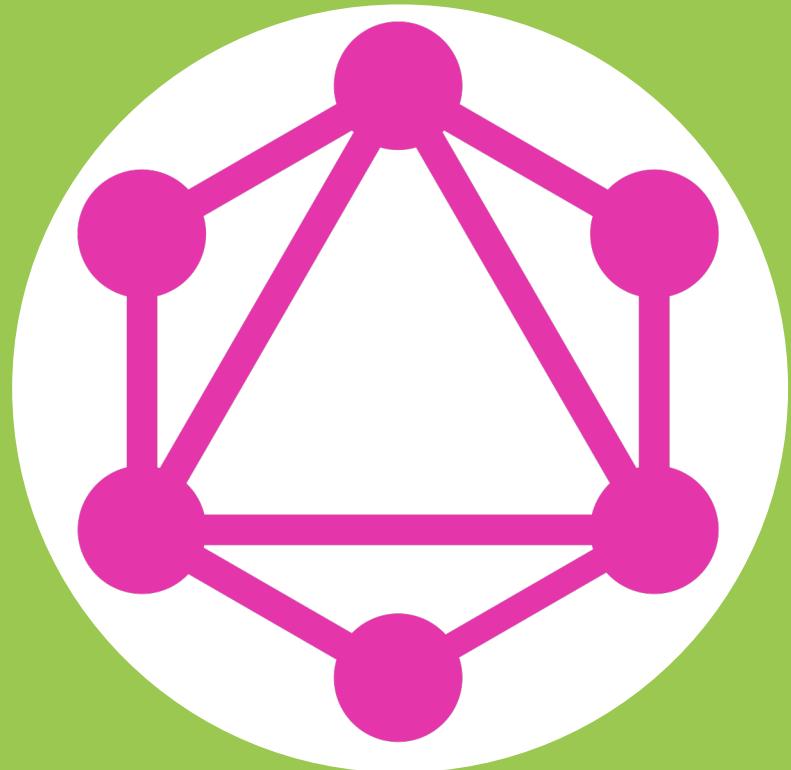


Up Next:
The Apollo playground



The Apollo Playground





GraphQL Playground

Apollo comes with a graphical,
interactive, in-browser
GraphQL IDE



Introspection

The ability to query which resources are available in the current API schema. Given the API, via introspection, we can see the queries, types, fields, and directives it supports.



Up Next:
Looking back



Summary



Setting the stage

GraphQL

- Control over fields returned from API
- Multiple fields in a single call

Setting up the environment

Sessions schema

Introspection

Apollo playground



Up Next:
Resolving queries

