



Chapter 5: Apollo Client

Strongly Typed Next.js

↔ Apollo Client

By the end of this lesson, developers will be able to:

- Create an Apollo Client instance on the frontend web
- Generate queries and mutations with GraphQL codegen

Introduction

In the previous section, we completed the implementation for our GraphQL API server. In this section, we switch back to the frontend client and start generating queries and mutations.

GraphQL Codegen

In this course, we are able to leverage Typescript in a variety of ways. The most efficient use of Typescript and GraphQL is generating frontend queries, using the GraphQL Codegen library.

Using GraphQL Codegen, we generate queries and mutations for the frontend client.

↔ Installation

Heads Up! This lesson's code edits will only affect your *APP* project.

First, change directory into your root level **app** folder:

```
cd app
```

Let's begin with the installation of GraphQL Codegen and GraphQL Let:

```
npm install --save-dev graphql-let @graphql-codegen/cli @graphql-codegen/plugin-helper
npm install @apollo/client graphql
npx graphql-let init
```