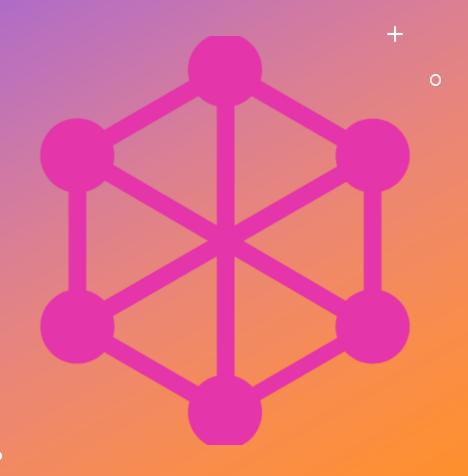
## MAKING A SINGLE QUERY

in this GraphQL tutorial I'll show you how to make a query for a single record in our database



```
import React from "react";
import { useQuery } from "@apollo/client";
                                                                                 BookList.js
import { getBooksQuery } from '../queries/queries';
import BookDetails from './BookDetails';
function BookList() {
   const { loading, error, data } = useQuery(getBooksQuery);
   const [ selected, setSelected ] = React.useState(null);
   if (loading) return Loading...;
   if (error) return Error :(;
   return (
                                                                                            Insert
       <div>
          code
              {data.books.map((book) => {
                 return (
                      { setSelected(book.id) }}>
                         {book.name}
                     );
              })}
          {selected ? <BookDetails bookId={selected} /> : <div>No book selected...</div>}
       </div>
   );
export default BookList;
```

```
import { gql } from "@apollo/client";
                                                                        queries.js
const getBookQuery = gql`
   query GetBook($id: ID){
        book(id: $id) {
            id
            name
                                                                               Modify
            genre
                                                                               code
            author {
                id
                name
                age
                books {
                    name
                    id
export { getAuthorsQuery, getBooksQuery, addBookMutation, getBookQuery };
```

```
import React from "react";
import { useQuery } from "@apollo/client";
import { getBookQuery } from '../queries/queries';
const BookDetails = ({ bookId }) => {
    const { loading, data } = useQuery(getBookQuery, {
       variables: { id: bookId }
    });
   let display;
   if (loading) {
       display = <div>loading</div>;
    } else {
       const { book } = data;
       display = (
           <div>
              <h2>{ book.name }</h2>
              { book.genre }
              { book.author.name }
              All books by this author:
              { book.author.books.map(item => {
                     return { item.name }
                  })}
              </div>
       );
    return <div id="book-details">{display}</div>;
export default BookDetails;
```

## BooksDetails.js



## **My Reading List**

- · Name of the Wind
- The Final Empire
- The Long Earth
- The Hero of Ages
- The Colour of Magic
- The Light Fantastic
- Hogfather

## The Long Earth

Sci-Fi

Terry Pratchett

All books by this author:

- The Long Earth
- The Colour of Magic
- The Light Fantastic
- Hogfather



