

ADD BOOK COMPONENT





Create file 'AddBook.js' into the folder 'components'

AddBook.js

```
import React from "react";
import { useQuery, gql } from "@apollo/client";
const getAuthorsQuery = gql`
  {
    authors {
      name
      id
    }
  }
`;
function DisplayAuthors(){
  const { loading, error, data } = useQuery(getAuthorsQuery);
  if(loading){
    return( <option disabled>Loading authors</option> );
  } else {
    return data.authors.map(author => {
      return( <option key={ author.id } value={author.id}>{ author.name }</option> );
    });
  }
}
function AddBook() {
  return (
    <form id="add-book">
      <div className="field">
        <label>Book name:</label>
        <input type="text" />
      </div>
      <div className="field">
        <label>Genre:</label>
        <input type="text" />
      </div>
      <div className="field">
        <label>Author:</label>
        <select>
          <option>Select author</option>
          { DisplayAuthors() }
        </select>
      </div>
      <button>+</button>
    </form>
  )
}
export default AddBook;
```

```
import React, { Component } from 'react';
import { ApolloClient, InMemoryCache, ApolloProvider } from "@apollo/client";
```

```
// components
```

```
import BookList from './components/BookList';
```

```
import AddBook from './components/AddBook';
```

```
// apollo client setup
```

```
const client = new ApolloClient({
  uri: 'http://localhost:4000/graphql',
  cache: new InMemoryCache()
});
```

```
class App extends Component {
```

```
  render() {
```

```
    return (
```

```
      <ApolloProvider client={client}>
```

```
        <div id="main">
```

```
          <h1>My Reading List</h1>
```

```
          <BookList />
```

```
          <AddBook />
```

```
        </div>
```

```
      </ApolloProvider>
```

```
    );
```

```
  }
```

```
}
```

```
export default App;
```

Insert
code



