GRAPHQL LISTS

```javascript
...
const {
    GraphQLObjectType,
    GraphQLString,
    GraphQLSchema,
    GraphQLID,
    GraphQLInt,
    GraphQLList
} = graphql;

// dummy data
var books = [
...
    { name: 'The Hero of Ages', genre: 'Fantasy', id: '4', authorId: '2' },
    { name: 'The Colour of Magic', genre: 'Fantasy', id: '5', authorId: '3' },
    { name: 'The Light Fantastic', genre: 'Fantasy', id: '6', authorId: '3' },
];

var authors = [...];

const BookType = new GraphQLObjectType({...});

const AuthorType = new GraphQLObjectType({
    name: 'Author',
    fields: ( ) => ({
        id: { type: GraphQLID },
        name: { type: GraphQLString },
        age: { type: GraphQLInt },
        books: {
            type: new GraphQLList(BookType),
            resolve(parent, args){
                return _.filter(books, { authorId: parent.id });
            }
        }
    })
});
...
```

Insert code

Go to http://localhost:4000/graphql

GraphiQL   ▶   Prettify   Merge   Copy   History   ‹ RootQueryType   **Author**   ✕

```
 1 ▾ {
 2 ▾   author(id: 2){
 3       name
 4       age
 5       books{
 6         name
 7         genre
 8       }
 9     }
10   }
```

```
{
  "data": {
    "author": {
      "name": "Brandon Sanderson",
      "age": 42,
      "books": [
        {
          "name": "The Final Empire",
          "genre": "Fantasy"
        },
        {
          "name": "The Hero of Ages",
          "genre": "Fantasy"
        }
      ]
    }
  }
}
```

🔍 Search Author…

No Description

FIELDS

id: ID

name: String

age: Int

books: [Book]

QUERY VARIABLES