

Relational Data





How we can store relational data, by nesting documents

New Model...

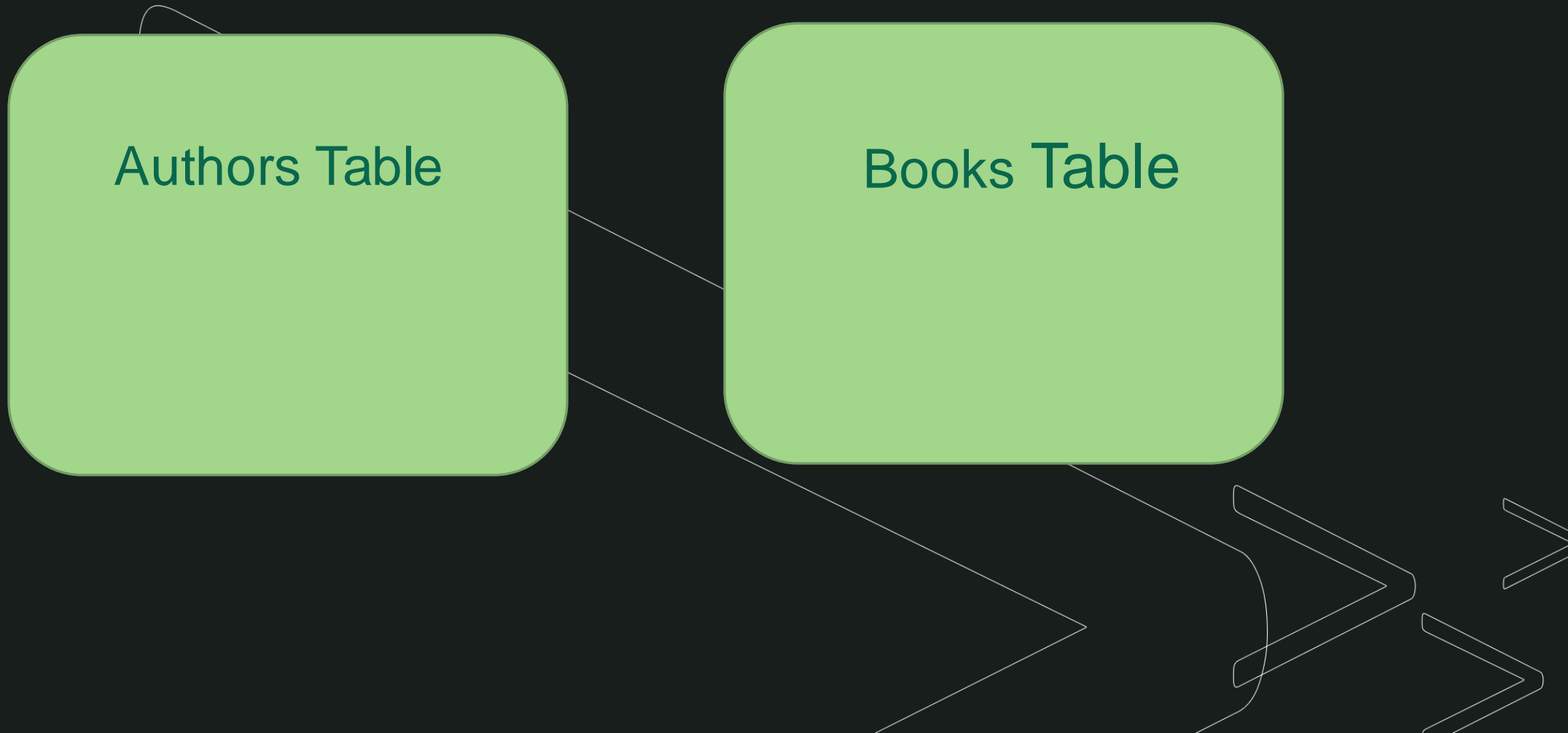
Authors

- Name, Age, Books

Books

- Title, Number of pages, Genre, etc...

Typical Relation DB



Authors Collection

- Author id

- Name

- Age

- Books [array]

- Book id

- Title

- Pages

- Book id

- Title

- Pages

- Author id

- Name

- ...



Object format

```
{  
  Name: 'Patrick',  
  Age: 38,  
  Books: [  
    {title: 'Name of the Wind', pages: 400},  
    {title: 'Wise Man's Fear', pages: 500}  
  ]  
}
```



Create file "author.js" in the folder "models"

```
const mongoose = require('mongoose');
const Schema = mongoose.Schema;

// Create a Schema and a Model

const BookSchema = new Schema({
  title: String,
  pages: Number
});

const AuthorSchema = new Schema({
  name: String,
  books: [BookSchema]
});

const Author = mongoose.model('author', AuthorSchema);

module.exports = Author;
```