




Todo Review

Todo Review 




PLAY VIDEO

A quick tour of the Todo app so far

todolist app

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 - about.html
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 - start.html
 - Ⓞ **Bootstrap**
 - ▼ **conf**
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 - routes

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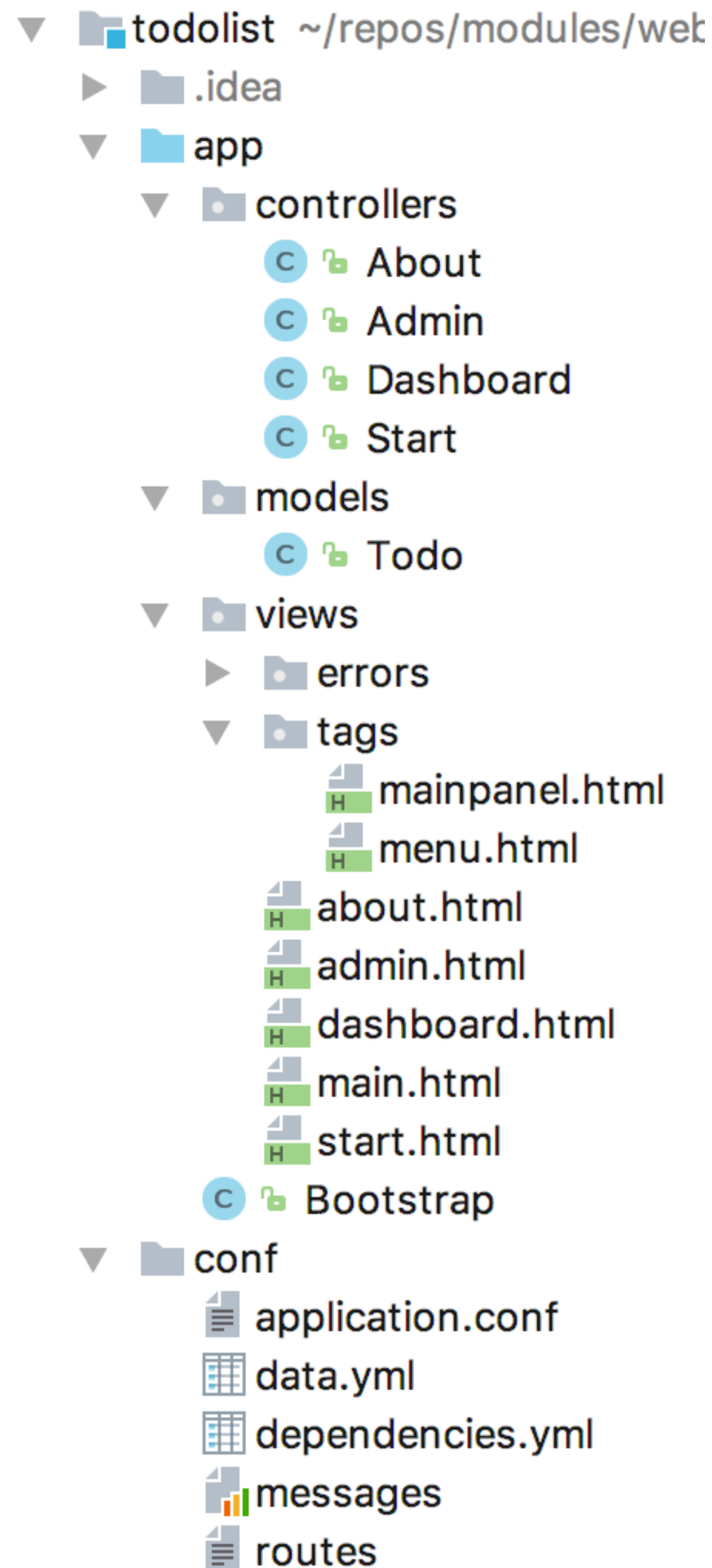
Todo List

| Todo | |
|---------------|------------------------|
| Make tea | Delete |
| Go for snooze | Delete |
| Make more tea | Delete |

Title

[Add Todo](#)

Bootstrap Model Seeding



```
public class Bootstrap extends Job
{
    public void doJob()
    {
        Fixtures.loadModels("data.yml");
    }
}
```

```
Todo(t1):
  title: Make tea

Todo(t2):
  title: Go for snooze

Todo(t3):
  title: Make more tea
```

```
@Entity
public class Todo extends Model
{
    public String title;

    public Todo(String title)
    {
        this.title = title;
    }
}
```

Dashboard View

```
#{extends 'main.html' /}  
#{set title:'Dashboard' /}  
  
#{menu id:"dashboard"/}  
  
<section class="ui raised segment">  
  <header class="ui header">  
    Todo List  
  </header>  
  <table class="ui fixed table">  
    <thead>  
      <tr>  
        <th>Todo</th>  
        <th></th>  
      </tr>  
    </thead>  
    <tbody>  
      <div class="ui bulleted list">  
        #{list items:todoList, as:'todo'}  
        <tr>  
          <td> ${todo.title} </td>  
          <td> <a href="/dashboard/deletetodo/${todo.id}" class="ui tiny red button"> Delete </a> </td>  
        </tr>  
      </div>  
    </tbody>  
  </table>  
  
</section>  
  
<form class="ui stacked segment form" action="/dashboard/addtodo" method="POST">  
  <div class="field">  
    <label>Title</label>  
    <input placeholder="Title" type="text" name="title">  
  </div>  
  <button class="ui blue submit button">Add Todo</button>  
</form>
```

Todo List

Dashboard About

Todo List

| Todo | |
|---------------|--------|
| Make tea | Delete |
| Go for snooze | Delete |
| Make more tea | Delete |

Title

Dashboard Routes + Controller

| | | |
|------|----------------------------|----------------------|
| GET | /dashboard | Dashboard.index |
| POST | /dashboard/addtodo | Dashboard.addTodo |
| GET | /dashboard/deletetodo/{id} | Dashboard.deleteTodo |

```
public class Dashboard extends Controller
{
    public static void index()
    {
        Logger.info("Rendering Dashboard");
        List<Todo> todolist = Todo.findAll();
        render("dashboard.html", todolist);
    }

    public static void addTodo(String title)
    {
        Todo todo = new Todo(title);
        todo.save();
        Logger.info("Addint Todo" + title);
        redirect("/dashboard");
    }

    public static void deleteTodo(Long id)
    {
        Todo todo = Todo.findById(id);
        todo.delete();
        Logger.info("Deleting " + todo.title);
        redirect("/dashboard");
    }
}
```

Dashboard Index Action

GET /dashboard Dashboard.index

```
public static void index()
{
    Logger.info("Rendering Dashboard");
    List<Todo> todolist = Todo.findAll();
    render("dashboard.html", todolist);
}
```

```
...
<div class="ui bulleted list">
  #{list items: todolist, as: 'todo'}
  <tr>
    <td> ${todo.title} </td>
    <td> <a href="/dashboard/deletetodo/${todo.id}" class="ui tiny red button"> Delete </a> </td>
  #{/list}
</div>
</tbody>
</table>
...
```

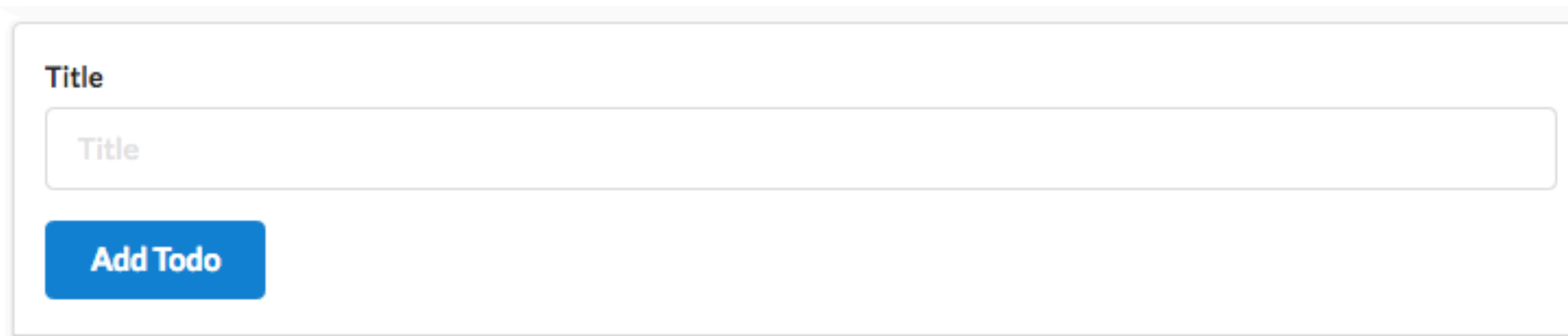
| | |
|---------------|------------------------|
| Make tea | Delete |
| Go for snooze | Delete |
| Make more tea | Delete |

Dashboard addTodo Action

POST /dashboard/addtodo Dashboard.addTodo

```
public static void addTodo(String title)
{
    Todo todo = new Todo(title);
    todo.save();
    Logger.info("Adding Todo" + title);
    redirect("/dashboard");
}
```

```
<form class="ui stacked segment form" action="/dashboard/addtodo" method="POST">
  <div class="field">
    <label>Title</label>
    <input placeholder="Title" type="text" name="title">
  </div>
  <button class="ui blue submit button">Add Todo</button>
</form>
```



The screenshot shows a web form with a light gray border. At the top left, the word "Title" is written in a dark gray font. Below it is a wide, empty text input field with a light gray border and a subtle shadow. Underneath the input field is a blue rectangular button with rounded corners and the text "Add Todo" in white, bold font.

Dashboard deleteTodo Action



| | | |
|-----|----------------------------|----------------------|
| GET | /dashboard/deletetodo/{id} | Dashboard.deleteTodo |
|-----|----------------------------|----------------------|

```
public static void deleteTodo(Long id)
{
    Todo todo = Todo.findById(id);
    todo.delete();
    Logger.info("Deleting " + todo.title);
    redirect("/dashboard");
}
```

```
...
<div class="ui bulleted list">
  #{list items:todoList, as:'todo'}
  <tr>
    <td> ${todo.title} </td>
    <td> <a href="/dashboard/deletetodo/${todo.id}" class="ui tiny red button"> Delete </a> </td>
  #{/list}
</div>
</tbody>
</table>
...
```


<http://localhost:9000/@db>

Login

Saved Settings:

Setting Name:

Driver Class:

JDBC URL:

User Name:

Password:

localhost:9000/@db

Auto commit Max rows: 1000 Auto complete Off Auto select On

jdbc:h2:mem:play

- + todo
- + information_schema
- + Sequences
- + Users
- H2 1.4.193 (2016-10-31)

Run Run Selected Auto complete Clear SQL statement:

```
SELECT * FROM TODO
```

```
SELECT * FROM TODO;
```

| ID | TITLE |
|----|---------------|
| 1 | Make tea |
| 2 | Go for snooze |
| 3 | Make more tea |

(3 rows, 5 ms)

Edit