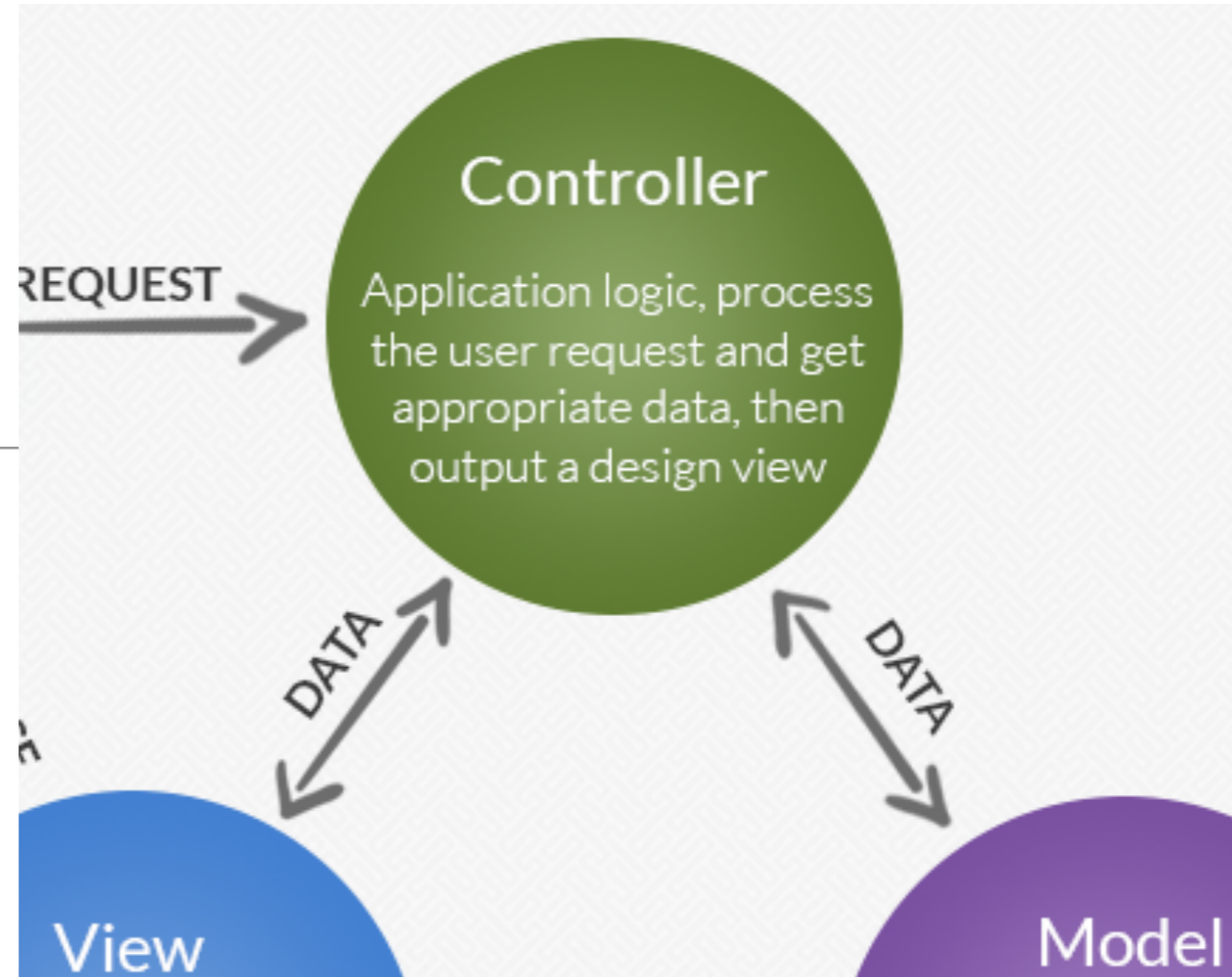


Playlist Controllers



Playlist Features

Open playlists in separate view

Add Playlist

Delete Playlist

Playlist Features

Open playlists in separate view

Feature: Open playlists in separate view

Beethoven Sonatas

Total Duration: 35

[View](#)

Beethoven Concertos

Total Duration: 23

[View](#)

Beethoven Variations

Total Duration: 67

[View](#)

Beethoven Sonatas

Song	Artist
Piano Sonata No. 3	Beethoven
Piano Sonata No. 7	Beethoven
Piano Sonata No. 10	Beethoven

Dashboard

Retrieve all playlists
Send to dashboard

```
public class Dashboard extends Controller
{
    public static void index()
    {
        Logger.info("Rendering Admin");

        List<Playlist> playlists = Playlist.findAll();
        render ("dashboard.html", playlists);
    }
}
```

Beethoven Sonatas

Total Duration: 35

[View](#)

Beethoven Concertos

Total Duration: 23

[View](#)

Beethoven Variations

Total Duration: 67

[View](#)

```
#{extends 'main.html' /}
#{set title:'Dashboard' /}

#{menu id:"dashboard"/}

#{list items:playlists, as:'playlist'}
<section class="ui segment">
    <h2 class="ui header">
        ${playlist.title}
    </h2>
    <p> Total Duration: ${playlist.duration} </p>
    <a href="/playlists/${playlist.id}"> View </a>
</section>
#{/list}
```

/playlists route Not Found

Beethoven Variations

Total Duration: 67

[View](#)

```
#{extends 'main.html' /}  
#{set title:'Dashboard' /}  
  
#{menu id:"dashboard"/}  
  
#{list items:playlists, as:'playlist'}  
  <section class="ui segment">  
    <h2 class="ui header">  
      ${playlist.title}  
    </h2>  
    <p> Total Duration: ${playlist.duration} </p>  
    <a href="/playlists/${playlist.id}"> View </a>  
  </section>  
#{/list}
```

localhost:9000/playlist/2

Not found

playlist.1 action not found

These routes have been tried, in this order :

- | | | | |
|-----|-----|---|------------------------------|
| 1. | GET | /@projectdocs/files/{name} | ProjectDocumentation.file |
| 2. | GET | /@projectdocs/images/{name} | ProjectDocumentation.image |
| 3. | GET | /@projectdocs/{id} | ProjectDocumentation.page |
| 4. | GET | /@projectdocs/? | ProjectDocumentation.index |
| 5. | GET | /@documentation/{docLang}/cheatsheet/{category} | PlayDocumentation.cheatSheet |
| 6. | GET | /@documentation/cheatsheet/{category} | PlayDocumentation.cheatSheet |
| 7. | GET | /@documentation/modules/{module}/files/{name} | PlayDocumentation.file |
| 8. | GET | /@documentation/modules/{module}/images/{name} | PlayDocumentation.image |
| 9. | GET | /@documentation/{docLang}/releases/{version}/{id} | PlayDocumentation.releases |
| 10. | GET | /@documentation/{docLang}/releases/{id} | PlayDocumentation.releases |
| 11. | GET | /@documentation/{docLang}/modules/{module}/{id} | PlayDocumentation.page |
| 12. | GET | /@documentation/{docLang}/files/{name} | PlayDocumentation.file |
| 13. | GET | /@documentation/{docLang}/images/{name} | PlayDocumentation.image |
| 14. | GET | /@documentation/files/{name} | PlayDocumentation.file |
| 15. | GET | /@documentation/images/{name} | PlayDocumentation.image |

PlaylistCtrl Controller

GET /playlists/{id} PlaylistCtrl.index

conf/routes

localhost:9000/playlist/2

↑
id of playlist

```
public class PlaylistCtrl extends Controller
{
    public static void index()
    {
        render("playlist.html");
    }
}
```

PlaylistCtrl.java

```
{extends 'main.html' /}
#{set title:'Playlist' /}

#{menu id:"dashboard"/}

<section class="ui segment">
    <h2 class="ui header">
        Playlist details...
    </h2>
</section>
```

playlist.html

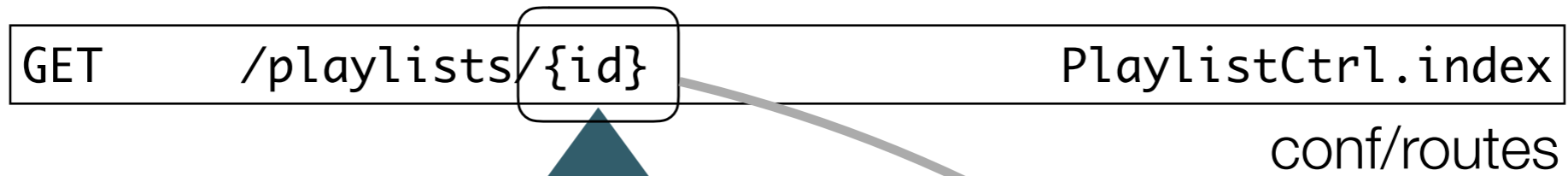
Playlist

Dashboard

About

Playlist details...

PlaylistCtrl Controller



id of playlist

Find Playlist with
selected ID

```
public class PlaylistCtrl extends Controller
{
    public static void index(Long id)
    {
        Playlist playlist = Playlist.findById(id);
        Logger.info ("Playlist id = " + id);
        render("playlist.html", playlist);
    }
}
```

Send Playlist to
View

Playlist Views

playlist.html

```
#{extends 'main.html' /}  
#{set title:'Playlist' /}  
  
#{menu id:"dashboard"/}  
  
<section class="ui segment">  
  <h2 class="ui header">  
    ${playlist.title}  
  </h2>  
  #{listsongs playlist:playlist /}  
</section>
```

listsongs.html

```
<table class="ui fixed table">  
  <thead>  
    <tr>  
      <th>Song</th>  
      <th>Artist</th>  
      <th>Duration</th>  
    </tr>  
  </thead>  
  <tbody>  
    #{list items:_playlist.songs, as:'song'}  
    <tr>  
      <td>  
        ${song.title}  
      </td>  
      <td>  
        ${song.artist}  
      </td>  
      <td>  
        ${song.duration}  
      </td>  
    </tr>  
  </tbody>  
</table>
```

Beethoven Sonatas	
Song	Artist
Piano Sonata No. 3	Beethoven
Piano Sonata No. 7	Beethoven
Piano Sonata No. 10	Beethoven

Playlist Features

Add Playlist

Feature: Add Playlist

Bethoven Sonatas

Total Duration: 19



Bethoven Concertos

Total Duration: 23



Beethoven Variations

Total Duration: 26



Title

Add Playlist

dashboard.html

```
#{extends 'main.html' /}
#{set title:'Dashboard' /}

#{menu id:"dashboard"/}

#{list items:playlists, as:'playlist'}
  <section class="ui segment">
    <h2 class="ui header">
      ${playlist.title}
    </h2>
    <p> Total Duration: ${playlist.duration} </p>
    <a href="/playlists/${playlist.id}" class="ui icon button">
      <i class="icon folder open"></i>
    </a>
    <a href="/dashboard/deleteplaylist/${playlist.id}" class="ui icon button">
      <i class="icon trash"></i>
    </a>
  </section>
#{/list}
#{addplaylist /}
```

Bethoven Sonatas

Total Duration: 19



Bethoven Concertos

Total Duration: 23



Beethoven Variations

Total Duration: 26



Title

Add Playlist

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

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

POST	/dashboard/addplaylist	Dashboard.addPlaylist
------	------------------------	-----------------------

```
public class Dashboard extends Controller
{
  ...

  public static void addPlaylist (String title)
  {
    Playlist playlist = new Playlist (title, 0);
    Logger.info ("Adding a new playlist called " + title);
    playlist.save();
    redirect ("/dashboard");
  }
}
```

Playlist Features

Delete Playlist

Feature: Delete Playlist

Bethoven Sonatas

Total Duration: 19



Bethoven Sonatas

Total Duration: 19



```
#{extends 'main.html' /}  
#{set title:'Dashboard' /}  
  
#{menu id:"dashboard"/}  
  
#{list items:playlists, as:'playlist'}  
  <section class="ui segment">  
    <h2 class="ui header">  
      ${playlist.title}  
    </h2>  
    <p> Total Duration: ${playlist.duration} </p>  
    <a href="/playlists/${playlist.id}" class="ui icon button">  
      <i class="icon folder open"></i>  
    </a>  
    <a href="/dashboard/deleteplaylist/${playlist.id}" class="ui icon button">  
      <i class="icon trash"></i>  
    </a>  
  </section>  
#{/list}  
#{addplaylist /}
```

GET /dashboard/deleteplaylist/{id} Dashboard.deletePlaylist

GET	/dashboard/deleteplaylist/{id}	Dashboard.deletePlaylist
-----	--------------------------------	--------------------------

```
public class Dashboard extends Controller
{
    ...

    public static void deletePlaylist (Long id)
    {
        Playlist playlist = Playlist.findById(id);
        Logger.info ("Removing" + playlist.title);
        playlist.delete();
        redirect ("/dashboard");
    }
}
```