

# Playlist Controller

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Playlist 1

Dashboard

About

Beethoven Sonatas

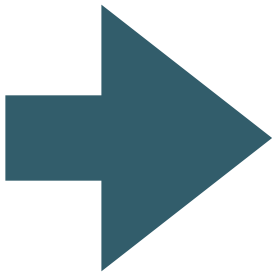
Song	Artist
Piano Sonata No. 3	Beethoven
Piano Sonata No. 7	Beethoven
Piano Sonata No. 10	Beethoven

Beethoven Concertos

Song	Artist
Piano Concerto No. 0	
Piano Concerto No. 4	
Piano Concerto No. 6	

Playlist 1

# Revised Dashboard



- Shows summary list of playlists

Playlist 1	Dashboard	About
Beethoven Sonatas		
Total Duration: 35		
<a href="#">View</a>		
Beethoven Concertos		
Total Duration: 23		
<a href="#">View</a>		
Beethoven Variations		
Total Duration: 67		
<a href="#">View</a>		

## Beethoven Sonatas

Total Duration: 35

[View](#)

## Beethoven Concertos

Total

[View](#)

## Be

Total

[View](#)

### Beethoven Sonatas

Song

Artist

Piano Sonata No. 3

Beethoven

Piano Sonata No. 7

Beethoven

Piano Sonata No. 10

Beethoven

- Full playlist displayed when 'View' selected

# Dashboard.hbs

No change to controller (for now)

```
{{> menu id="dashboard"}}

{{#each playlists}}
<section class="ui segment">
  <h2 class="ui header">
    {{title}}
  </h2>
  <table class="ui table">
    <thead>
      <tr>
        <th>Song</th>
        <th>Artist</th>
      </tr>
    </thead>
    <tbody>
      {{#each songs}}
      <tr>
        <td>
          {{title}}
        </td>
        <td>
          {{artist}}
        </td>
      </tr>
      {{/each}}
    </tbody>
  </table>
</section>
{{/each}}
```

```
const dashboard = {
  index(request, response) {
    logger.info('dashboard rendering');
    const viewData = {
      title: 'Playlist Dashboard',
      playlists: playlistCollection,
    };
    logger.info('about to render', playlistCollection);
    response.render('dashboard', viewData);
  },
};
```

```
{{> menu id="dashboard"}}

{{#each playlists}}
<section class="ui segment">
  <h2 class="ui header">
    {{title}}
  </h2>
  <p> Total Duration: {{duration}} </p>
  <a href="/playlist/{{id}}"> View </a>
</section>
{{/each}}
```

Revised dashboard.hbs

```
{{> menu id="dashboard"}}
```

```
{{#each playlists}}
```

```
<section class="ui segment">
```

```
<h2 class="ui header">
```

```
  {{title}}
```

```
</h2>
```

```
<p>Total Duration: {{duration}} </p>
```

```
<a href="/playlist/{{id}}"> View </a>
```

```
</section>
```

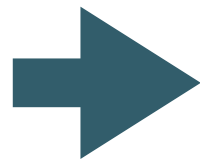
```
{{/each}}
```

```
3
```

# Dashboard View

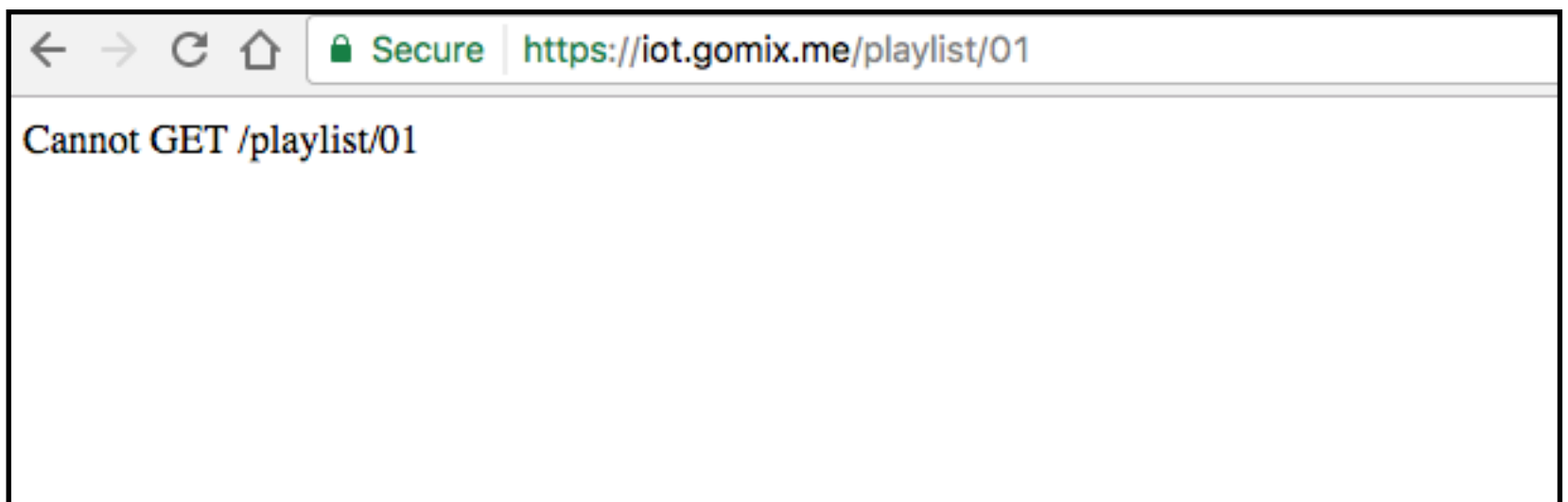
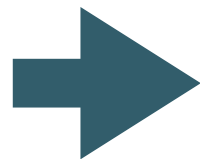
New Route

- New Route not initially supported



```
router.get('/', start.index);  
router.get('/dashboard', dashboard.index);  
router.get('/about', about.index);
```

- Error message when link pressed



# Introducing a new view

---

- Typically need 3 things:
  - Controller
  - View
  - Route

controller:  
playlist.js

```
'use strict';

const logger = require('../utils/logger');
const playlistCollection = require('../models/playlist-store.js');

const playlist = {
  index(request, response) {
    const viewData = {
      title: 'Playlist',
    };
    response.render('playlist', viewData);
  },
};

module.exports = playlist;
```

view:  
playlist.hbs

```
{{> menu}}

<section class="ui center aligned middle aligned segment">
  <h2 class="ui header">
    {{playlist.title}}
  </h2>
</section>
```

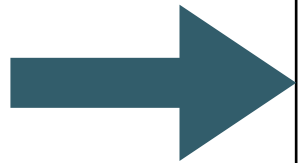
route:  
routes.js

```
router.get('/playlist/:id', playlist.index);
```

# Playlist Controller

---

- In order to display the correct playlist, we need to extract the id from the url.



```
index(request, response) {  
  const playlistId = request.params.id;  
  logger.debug('Playlist id = ', playlistId);  
  
  const viewData = {  
    title: 'Playlist',  
  };  
  
  response.render('playlist', viewData);  
}
```



# Revised Playlist-Store Model

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- playlistStore is an object with 2 methods:
- retrieve all playlists from store
- retrieve a specific playlist by it's id from the store.

```
const playlistStore = {  
  playlistCollection: require('./playlist-store.json').playlistCollection,  
  getAllPlaylists() {  
    return this.playlistCollection;  
  },  
  getPlaylist(id) {  
    return _.find(this.playlistCollection, { id: id });  
  },  
};
```

*Dont worry about how  
this is implemented for  
the moment!*

# Revised playlist Controller

---

- Retrieve playlist ID in request
- Get playlist matching this id and insert into viewData
- Pass **viewData** to the view (containing the selected playlist)

```
const playlistStore = require('../models/playlist-store');

const playlist = {
  index(request, response) {

    const playlistId = request.params.id;
    logger.debug('Playlist id = ', playlistId);

    const viewData = {
      title: 'Playlist',
      playlist: playlistStore.getPlaylist(playlistId),
    };

    response.render('playlist', viewData);
  },
};
```

# Revised Playlist View

```
index(request, response) {  
  
  const playlistId = request.params.id;  
  logger.debug('Playlist id = ', playlistId);  
  
  const viewData = {  
    title: 'Playlist',  
    playlist: playlistStore.getPlaylist(playlistId),  
  };  
  
  response.render('playlist', viewData);  
}
```

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

```
<table class="ui table">  
  <thead>  
    <tr>  
      <th>Song</th>  
      <th>Artist</th>  
    </tr>  
  </thead>  
  <tbody>  
    {{#each playlist.songs}}  
      <tr>  
        <td>  
          {{title}}  
        </td>  
        <td>  
          {{artist}}  
        </td>  
      </tr>  
    {{/each}}  
  </tbody>  
</table>
```

listsongs.hbs

playlist.hbs

```
{{> menu}}  
  
<section class="ui center aligned middle aligned segment">  
  <h2 class="ui header">  
    {{playlist.title}}  
  </h2>  
  {{> listsongs}}  
</section>
```

# Revised dashboard Controller

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- Require a link to **playlistStore**
- Pass **viewData** to the view (containing all the playlists)

```
const playlistStore = require('../models/playlist-store');

const dashboard = {
  index(request, response) {

    logger.info('dashbaord rendering');

    const viewData = {
      title: 'Playlist Dashboard',
      playlists: playlistStore.getAllPlaylists(),
    };

    logger.info('about to render ', playlistStore.getAllPlaylists());
    response.render('dashboard', viewData);
  },
};
```