

Janis Gonzalez

WEB 420 RESTful APIs

Assignment 4.2 Composer API

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Bellevue University

The image shows the Swagger Editor interface. On the left is the YAML definition for the `findAllComposers` endpoint. On the right is the rendered UI for this endpoint.

YAML Definition:

```
1 openapi: "3.0.0"
2 info:
3   title: findAllComposers
4   version: "1.0.0"
5 paths:
6   /api/composers:
7     get:
8       tags:
9         - Composers
10      description: API for returning an array of composer objects.
11      summary: Returns an array of composers in JSON format.
12      responses:
13        '200':
14          description: Array of Composers
15        '500':
16          description: Server Exception
17        '501':
18          description: MondoDB Exception
```

Rendered UI:

findAllComposers 1.0.0 OAS3

Composers

GET `/api/composers` Returns an array of composers in JSON format.

API for returning an array of composer objects.

Parameters Try it out

No parameters

Responses

Code	Description	Links
200	Array of Composers	No links
500	Server Exception	No links
501	MondoDB Exception	No links

REST

Request 1

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Method

POST

Endpoint

http://localhost:3000

Request

Raw

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URL

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Name	Value	Style	Level
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Required:

☐ Sets if parameter is required

Type:

Options:

Media Type

application/json

☐ Post QueryString

```
{
  "firstName": "Ludwig",
  "lastName": "Beethoven"
}
```