

The API for the student dataset

This is the student API.

Methods

Retrieving all students

URL: /jsonstudents

To retrieve all students, you must use `all` as the value for the `id` parameter.

Parameter Value	
id	all

Response (example):

```
{
  "students": [
    {
      "studentName": "Anders Andersson",
      "studentID": 1
    },
    {
      "studentName": "Beata Bengtsson",
      "studentID": 2
    },
    {
      "studentName": "Charlie Christensen",
      "studentID": 3
    },
    {
      "studentName": "Dick Dale",
      "studentID": 4
    },
    {
      "studentName": "Edward Eriksson",
      "studentID": 5
    }
  ]
}
```

Retrieving courses for one student

URL: /jsonstudent

Parameter Value (example)	
id	2

Response (example):

```
{
  "studentName": "Beata Bengtsson",
  "studentID": "2",
  "courses": [
    {
      "courseCode": "TIG058"
    },
    {
      "courseCode": "TIG059"
    }
  ]
}
```

```
]
}
```

Status codes

- Everything OK: 200 OK
- Bad request (e.g. missing required parameter): 400 Bad request
- Data could not be found: 404 Not found

HTTP headers

- Everything OK:

```
200 OK
Connection: Keep-Alive
Date: Fri, 08 Apr 2016 11:57:31 GMT
Server: Winstone Servlet Engine v0.9.10
Content-Length: 149
Content-Type: application/json
Client-Date: Fri, 08 Apr 2016 11:57:31 GMT
Client-Peer: 129.16.213.178:8080
Client-Response-Num: 1
X-Powered-By: Servlet/2.5 (Winstone/0.9.10)
```

- Bad request:

```
400 Bad Request
Connection: Keep-Alive
Date: Fri, 08 Apr 2016 11:28:56 GMT
Server: Winstone Servlet Engine v0.9.10
Content-Length: 60
Content-Type: application/json
Client-Date: Fri, 08 Apr 2016 11:28:56 GMT
Client-Peer: 129.16.213.178:8080
Client-Response-Num: 1
X-Powered-By: Servlet/2.5 (Winstone/0.9.10)
```

- Data could not be found:

```
404 Not Found
Connection: Keep-Alive
Date: Fri, 08 Apr 2016 11:37:11 GMT
Server: Winstone Servlet Engine v0.9.10
Content-Length: 50
Content-Type: application/json
Client-Date: Fri, 08 Apr 2016 11:37:11 GMT
Client-Peer: 129.16.213.178:8080
Client-Response-Num: 1
X-Powered-By: Servlet/2.5 (Winstone/0.9.10)
```

Error responses

Here are some examples of error responses from the API.

Student id could not be found

```
{ "studentAPIError": "No such student with ID: 666" }
```

Bad request (e.g. missing id parameter)

```
{ "name": "JSONRequestError", "message": "missing id parameter" }
```