# API GUIDE

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# Overview

# HTTP Verbs

| Verb | Usage |
| --- | --- |
| GET | Used to retrieve a resource |
| POST | Used to create a new resource |
| PATCH | Used to update an existing resource, including partial updates |
| DELETE | Used to delete an existing resource |

# HTTP Status Codes

| Status Code | Usage |
| --- | --- |
| 200 OK | The request completed successfully |
| 201 Created | A new resource has been created successfully. The resource's URI is available from the response's `Location` header |
| 204 No Content | An update to an existing resource has been applied successfully |
| 400 Bad Request | The request was malformed. The response body will include an error providing further information |
| 404 Not Found | The requested resource did not exist |
| 500 Server Error | An error occurred while processing request |

```
GET /api/v1/ HTTP/1.1
Content-Type: application/json;charset=UTF-8
Host: localhost
```

```
HTTP/1.1 200 OK
Content-Type: text/plain;charset=UTF-8
Content-Length: 17
X-Content-Type-Options: nosniff
X-XSS-Protection: 1; mode=block
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY

Hello Spring Base
```