

# Todo

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v1.0.0

## 1. Todo Controller

### 1.1. Todo

*curl-request*

```
$ curl 'http://localhost:8080/todo' -i -X POST \  
  -H 'Content-Type: application/json;charset=UTF-8' \  
  -H 'Accept: application/json' \  
  -d '{  
    "id" : 1,  
    "title" : "test",  
    "order" : 0,  
    "completed" : false,  
    "url" : null  
  }'
```

*http-request*

```
POST /todo HTTP/1.1  
Content-Type: application/json;charset=UTF-8  
Accept: application/json  
Content-Length: 88  
Host: localhost:8080  
  
{  
  "id" : 1,
```

```
"title" : "test",
"order" : 0,
"completed" : false,
"url" : null
}
```

Table 1. request-fields

Path	Type	Description
id	Number	整数
title	String	文字列
order	Number	整数
completed	Boolean	真偽
url	Null	文字列

#### http-response

```
HTTP/1.1 200 OK
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
Content-Length: 114

{
  "id" : 1,
  "title" : "test",
  "order" : 0,
  "completed" : false,
  "url" : "http://localhost:8080/todo/1"
}
```

## 1.2. Todo 更新

#### curl-request

```
$ curl 'http://localhost:8080/todo/1' -i -X PATCH \
  -H 'Content-Type: application/json;charset=UTF-8' \
  -H 'Accept: application/json' \
  -d '{
    "id" : 1,
    "title" : "test",
    "order" : 0,
    "completed" : false
  }'
```

## http-request

```
PATCH /todo/1 HTTP/1.1
Content-Type: application/json;charset=UTF-8
Accept: application/json
Content-Length: 72
Host: localhost:8080

{
  "id" : 1,
  "title" : "test",
  "order" : 0,
  "completed" : false
}
```

Table 2. /todo/{id}

Parameter	Description
id	id

Table 3. request-fields

Path	Type	Description
id	Number	id
title	String	title
order	Number	order
completed	Boolean	completed

## http-response

```
HTTP/1.1 200 OK
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
Content-Length: 115

{
  "id" : 1,
  "title" : "test",
  "order" : 1,
  "completed" : true,
  "url" : "http://localhost:8080/todo/1"
}
```

Table 4. response-fields

Path	Type	Description
id	Number	□□□
title	String	□□ □ □
order	Number	□□
completed	Boolean	□□ □□
url	String	□□

## 1.3. Todo □□

*curl-request*

```
$ curl 'http://localhost:8080/todo/1' -i -X GET
```

*http-request*

```
GET /todo/1 HTTP/1.1
Host: localhost:8080
```

*Table 5. /todo/{id}*

Parameter	Description
id	□□□

*http-response*

```
HTTP/1.1 200 OK
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
Content-Length: 114

{
  "id" : 1,
  "title" : "test",
  "order" : 0,
  "completed" : false,
  "url" : "http://localhost:8080/todo/1"
}
```

*Table 6. response-fields*

Path	Type	Description
id	Number	□□□
title	String	□□ □ □

Path	Type	Description
order	Number	□□
completed	Boolean	□□ □□
url	String	□□

## 1.4. Todo □□ □□

*curl-request*

```
$ curl 'http://localhost:8080/todo' -i -X GET \
  -H 'Content-Type: application/json;charset=UTF-8' \
  -H 'Accept: application/json'
```

*http-request*

```
GET /todo HTTP/1.1
Content-Type: application/json;charset=UTF-8
Accept: application/json
Host: localhost:8080
```

*http-response*

```
HTTP/1.1 200 OK
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
Content-Length: 572

[ {
  "id" : 0,
  "title" : null,
  "order" : 0,
  "completed" : false,
  "url" : "http://localhost:8080/todo/0"
}, {
  "id" : 0,
  "title" : null,
  "order" : 0,
  "completed" : false,
  "url" : "http://localhost:8080/todo/0"
}, {
  "id" : 0,
  "title" : null,
  "order" : 0,
  "completed" : false,
  "url" : "http://localhost:8080/todo/0"
}
```

```

}, {
  "id" : 0,
  "title" : null,
  "order" : 0,
  "completed" : false,
  "url" : "http://localhost:8080/todo/0"
}, {
  "id" : 0,
  "title" : null,
  "order" : 0,
  "completed" : false,
  "url" : "http://localhost:8080/todo/0"
} ]

```

Table 7. response-fields

Path	Type	Description
[].id	Number	□□□
[].title	Null	□□ □ □
[].order	Number	□□
[].completed	Boolean	□□ □□
[].url	String	□□

## 1.5. Todo □□

### curl-request

```
$ curl 'http://localhost:8080/todo/1' -i -X DELETE
```

### http-request

```
DELETE /todo/1 HTTP/1.1
Host: localhost:8080
```

Table 8. /todo/{id}

Parameter	Description
id	□□□

### http-response

```
HTTP/1.1 200 OK
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
```

## 1.6. Todo ☐☐ ☐☐

```
$ curl 'http://localhost:8080/todo' -i -X DELETE
```

### *http-request*

```
DELETE /todo HTTP/1.1  
Host: localhost:8080
```

### *http-response*

```
HTTP/1.1 200 OK  
Vary: Origin  
Vary: Access-Control-Request-Method  
Vary: Access-Control-Request-Headers
```