

Device API DOC

Description

This is an api to fetch devices.

Base URL

The base URL for all API requests is:

`https://localhost:<yourportnumber>/devices`

Endpoints

GET

Returns a list of all devices in the server.

Parameters

- **size** (optional): The maximum number of users to return. Default is 10.
- **page** (optional): The page number to return. Default is 0.
- **order**(optional): The property for sorting the devices, based on the device properties.

Response

Returns a JSON object with the following properties:

- **content**: An array of device objects, each with the following properties:
 - **id**: The unique identifier of the device. (server generated)
 - **status**: The status of the device. (Available statuses are: `DISPONIBILE`, `ASSEGNATO`, `IN_MANUTENZIONE`, `DISMESSO`)
 - **deviceType**: The type of the device. (Available types are : `SMARTPHONE`, `TABLET`, `LAPTOP`)
 - **user**: The user associated with the device.

Example

Request:

```
GET https://localhost:<yourportnumber>/devices
```

Response:

```
{
  "content": [
    {
      "id": 302,
      "status": "DISPONIBILE",
      "deviceType": "TABLET",
      "user": null
    }
  ],
}
```

GET /id

Returns a specific device based on the id.

Parameters

- **id** : The id of the device you want to return.

Example

Request:

```
GET https://localhost:<yourportnumber>/devices/302
```

Response:

```
{
  "id": 302,
  "status": "DISPONIBILE",
  "deviceType": "TABLET",
  "user": null
}
```

POST

Saves an device object in the server.

BODY

- The body to send in the request.

```
{
  "status": "ASSEGNATO",
  "deviceType": "TABLET"
}
```

Example

Request:

```
POST https://localhost:<yourportnumber>/devices/
```

Response:

- The id of the new device created

```
{
  "id": 353
}
```

PUT /id

Update a device object in the server. (just for updating status and device type properties)

Parameters

- **id** : The id of the device you want to update.

BODY

- The body to send in the request.

```
{
  "status": "ASSEGNATO",
  "deviceType": "TABLET"
}
```

Example

Request:

```
PUT https://localhost:<yourportnumber>/devices/152
```

Response:

```
{
  "id": 353,
  "status": "ASSEGNATO",
  "deviceType": "TABLET",
  "user": null
}
```

PUT /assign

Assign an existing device to a device

BODY

- The body to send in the request. (specify the user id you want to assign the device and the device id you want to assign to the user)

```
{
  "deviceId": 302,
  "userId": 152
}
```

Example

Request:

```
PUT https://localhost:<yourportnumber>/devices/assign
```

Response:

```
{
  "id": 302,
  "status": "ASSEGNATO",
  "deviceType": "TABLET",
  "user": {
    "id": 152,
    "name": "pippo",
    "surname": "Little",
    "email": "Annabell_Lockman@hotmail.com",
    "username": "Adolfo.Huels",
    "avatarUrl": "http://res.cloudinary.com/dr4x8lu8f/image/upload/v1705665162/jtxt1ia92caxy5sxswur.png"
  }
}
```

DELETE /id

Delete a device object in the server.

Parameters

- **id** : The id of the device you want to delete.

Example

Request:

```
DELETE https://localhost:<yourportnumber>/devices/152
```

Response: void

```
[]
```

Errors

This API uses the following error codes:

- **400 Bad Request**: The request was malformed or missing required parameters.
- **404 Not Found**: The requested resource was not found.
- **500 Internal Server Error**: An unexpected error occurred on the server.