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# **UserService Documentation**

***Release 0***

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## 1.1 Overview

## 1.2 Endpoints

## 1.3 Resources





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## Getting Started with the UserService

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### URLS

- **Production:** <http://userservice.tangentme.com>
- **Staging:** <http://staging.userservice.tangentme.com>

## 2.1 Getting an auth token

### Request

#### Curl:

```
curl -X POST http://staging.userservice.tangentme.com/api-token-auth/ --data "username=admin&password=test"
```

#### Python:

```
import requests
url = 'http://staging.userservice.tangentme.com/api-token-auth/'
r=requests.post(url, data={"username":"admin","password":"test"})
r.content
Out[8]: '{"token": "d477c40272cc6132183647e67f10a90ae12e9d86}"'
```

### Response:

```
{"token": "11ce1e89d7e1d23e78e5c922c0cbd24bb2457cec"}
```

You can use this token to make future authorized requests

### Angular

Add constant to settings file:

```
.constant("SERVICE_BASE_URI", "http://staging.userservice.tangentme.com")
```

Add login to ng-service:

```
apiService.login = function (username, password) {
    var deferred = $q.defer();
    var url = SERVICE_BASE_URI + "/api-token-auth/";

    $http.post(url, {
        username: username, password: password
    }).success(function (response, status, headers, config) {
        if (response.token) {
```

```
        //Store the token for further calls
    }

    deferred.resolve(response, status, headers, config);
  }).error(function (response, status, headers, config) {
    deferred.reject(response, status, headers, config);
  });

  return true; //deferred.promise;
};
```

## 2.2 Authorizing with an auth token

To identify yourself in consequent requests, set the *Authorization* header like below

### CURL:

```
curl GET http://staging.userservice.tangentme.com/users/me/ -H 'Authorization: Token 11ce1e89d7e1d23'
```

### Python:

```
import requests
headers = {
    'content-type': 'application/json',
    'Authorization': 'Token d477c40272cc6132183647e67f10a90ae12e9d86'
}
requests.get('http://staging.userservice.tangentme.com/users/me/', headers=headers)
```

### Response:

```
{
  "id": 5,
  "first_name": "",
  "last_name": "",
  "username": "a",
  "email": "",
  "is_staff": true,
  "profile": {
    "contact_number": "",
    "status_message": null,
    "bio": null
  },
  "authentications": [],
  "roles": []
}
```

### Angular:

```
apiService.getMe = function (token) {

  var deferred = $q.defer();
  var url = SERVICE_BASE_URI + "/users/me/";

  $http.get(url, {
    headers: {'Authorization': 'Token ' + token}
  }).success(function (response, status, headers, config) {
    if (response) {
```

```
        //Handle the response
    }

    deferred.resolve(response, status, headers, config);
    }).error(function (response, status, headers, config) {
        deferred.reject(response, status, headers, config);
    });

    return true; //deferred.promise;
};
```

**Possible Responses:**

- 200 OK
- **401 Authorization failed:**
  - Invalid Token
  - Authentication credentials were not provided.



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## Indices and tables

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- *modindex*
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