

Dog Quiz API: Documentation

Introduction

This is the documentation for the Dog Quiz API (DQAPI)

Dog Quiz API is a simple API that helps you set up a register of users as well as being able to login and fetch a quiz of images of dogs.

Resource Formats

The default resource format is JSON (application/json).

Prefix

All End Points (i. e. resources) need to be prefixed with:

api/ (resource)

Malfunction

DQAPI malfunctions sometimes and sends a response with status 418 (I'm not a teapot).

Resources

Resource: register (POST)

This POST-request allows you to register a user with a pair of credentials (username and password). The body of the request must have the structure:

```
{
  username: string,           username to register
  password: string            password to register
}
```

If the username is already in the register, the server will send a response with status 409 (Conflict).

If either username or password are not sent, DQAPI serves a response with status 400 (Bad Request).

If the DQAPI malfunctions it serves a response with status 418 (I'm not a teapot).

Otherwise, it serves a 200 response and the resource will be an object:

```
{
  username: string,
  password: string,
  points: number
}
```

...with the same username and password as were sent.

Resource: login (POST)

This POST-request allows you to check a pair of credentials (username and password).

If the username does not exist in the register or the password is not correct, DQAPI serves a response with status 404 (Not found).

If either username or password are not sent, DQAPI serves a response with status 400 (Bad Request).

If wrong method request is sent, DQAPI serves a response with status 405 (Method Not Allowed).

Otherwise, it serves a 200 response and the resource will be an object:

```
{  
  username: string,  
  password: string,  
  points: number  
}
```

...with the same username and password as were sent.

Resource: quiz (GET)

This GET-request sends you an object of four dog alternatives and an image of the correct dog.

If wrong method request is sent, DQAPI serves a response with status 405 (Method Not Allowed).

If the DQAPI malfunctions it serves a response with status 418 (I'm not a teapot).

Otherwise, it serves a 200 response and the resource will be an object:

```
{  
  image: string  
  alternatives: [  
    {  
      correct: boolean,  
      name: string  
    },  
    {  
      correct: boolean,  
      name: string  
    },  
    {  
      correct: boolean,  
      name: string  
    },  
    {  
      correct: boolean,  
      name: string  
    }  
  ]  
}
```

```
}  
]  
}
```

Resource: points (POST) and (GET)

The POST-request allows you to add points to the user.

The GET-request allows you to gain access of the five users with the highest points in order.

If wrong request method is sent, DQAPI serves a response with status 405 (Method Not Allowed).

If the DQAPI malfunctions it serves a response with status 418 (I'm not a teapot).

Otherwise, the POST-request serves a 200 response and the resource will be an object:

```
{  
  Points: number  
}
```

Otherwise, the GET-request serves a 200 response and the resource will be an array:

```
[  
  {  
    username: string,  
    points: number  
  },  
  {  
    username: string,  
    points: number  
  },  
  {  
    username: string,  
    points: number  
  },  
  {  
    username: string,  
    points: number  
  },  
  {  
    username: string,  
    points: number  
  }  
]
```