**Description:**

This script creates REST service which provides API for retrieving Github profiles (users') information in the database.

**API:**

GET /Profiles

**Parameters:**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| id | integer | returns user information with matching id |
| loginid | string | returns user information with matching username/loginid |
| usertype | string | Valid User Type values (User or Organization), returns all users of the type |
| pagination | integer | number of records per page for pagination |
| pagenumber | integer | page number for which data needs to be retrived |
| orderby | string | orders records as per orderby (valid values: 'id'  or 'names'or 'loginids' or 'profiles')  default is orderby ‘id’ |

Few sample requests and responses below:

Request:

http://[localhost:5001/Profiles?id=5](http://localhost:5001/Profiles?id=5)

{

"user\_id": 5,

"name": "Ezra Zygmuntowicz",

"login": "ezmobius",

"avatar": "https://avatars0.githubusercontent.com/u/5?v=4",

"user\_type": "User",

"profile": "https://github.com/ezmobius"

}

Request:

http://[localhost:5001/Profiles?loginid=mojombo](http://localhost:5001/Profiles?loginid=mojombo)

{

"user\_id": 1,

"name": "Tom Preston-Werner",

"login": "mojombo",

"avatar": "https://avatars0.githubusercontent.com/u/1?v=4",

"user\_type": "User",

"profile": "https://github.com/mojombo"

}

Request:

http://[localhost:5001/Profiles?usertype=User&pagination=5&order\_by=id](http://localhost:5001/Profiles?usertype=User&pagination=5&order_by=id)

Below is the response:

[

{

"user\_id": 1,

"name": "Tom Preston-Werner",

"login": "mojombo",

"avatar": "https://avatars0.githubusercontent.com/u/1?v=4",

"user\_type": "User",

"profile": "https://github.com/mojombo"

},

{

"user\_id": 2,

"name": "Chris Wanstrath",

"login": "defunkt",

"avatar": "https://avatars0.githubusercontent.com/u/2?v=4",

"user\_type": "User",

"profile": "https://github.com/defunkt"

},

{

"user\_id": 3,

"name": "PJ Hyett",

"login": "pjhyett",

"avatar": "https://avatars0.githubusercontent.com/u/3?v=4",

"user\_type": "User",

"profile": "https://github.com/pjhyett"

},

{

"user\_id": 4,

"name": "Yehuda Katz",

"login": "wycats",

"avatar": "https://avatars0.githubusercontent.com/u/4?v=4",

"user\_type": "User",

"profile": "https://github.com/wycats"

},

{

"user\_id": 5,

"name": "Ezra Zygmuntowicz",

"login": "ezmobius",

"avatar": "https://avatars0.githubusercontent.com/u/5?v=4",

"user\_type": "User",

"profile": "https://github.com/ezmobius"

}

]