

drawnTogether – a collaborative approach to virtual graffiti

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1. WEB SERVER APIS

1.1 login

This method is to authenticate a users Twitter credential.

URL: (domain name will be changed)

<http://drawnTogether.com/sketch/login>

HTTP Method(s):

GET, POST

Parameters:

- username: Twitter username
- password: Twitter password
- deviceid: device id of mobile phone

Example:

[http://drawnTogether.com/sketch/login?](http://drawnTogether.com/sketch/login?username=abcd&password=12345&deviceid=2123456)

[username=abcd&password=12345&deviceid=2123456](http://drawnTogether.com/sketch/login?username=abcd&password=12345&deviceid=2123456)

1.2 insert sketches to DB

This method is to insert sketches to DB.

1.2.1 insert sketches without tags to DB

URL: (domain name will be changed)

<http://drawnTogether.com/sketch/put/deviceid>

Device id:

Unique device id of mobile phone

HTTP Method(s):

GET, POST

Parameters:

- lat: latitude
- long: longitude
- alt: altitude
- ori: orientation
- pix: location of pixel in a device and color (sketch data) in the pixel. Each pixel and color information will be separated by colon(:).

Example:

[http://drawnTogether.com/sketch/put/2123456?](http://drawnTogether.com/sketch/put/2123456?lat=12.222&long=22.4444&alt=33.4444&ori=11.444&pix=1,2,1312313:3,4,565464)

[lat=12.222&long=22.4444&alt=33.4444&ori=11.444&](http://drawnTogether.com/sketch/put/2123456?lat=12.222&long=22.4444&alt=33.4444&ori=11.444&pix=1,2,1312313:3,4,565464)

[pix=1,2,1312313:3,4,565464](http://drawnTogether.com/sketch/put/2123456?lat=12.222&long=22.4444&alt=33.4444&ori=11.444&pix=1,2,1312313:3,4,565464)

1.2.2 insert sketches with tags to DB

URL: (domain name will be changed)

<http://drawnTogether.com/sketch/put/deviceid>

Device id:

Unique device id of mobile phone

HTTP Method(s):

GET, POST

Parameters:

- lat: latitude
- long: longitude
- alt: altitude
- ori: orientation
- pix: location of pixel in a device and color (sketch data) in the pixel. Each pixel and color information will be separated by colon(:).
- tags: tag information of the sketch (pix). Each tag is separated by comma(,).

Example:

[http://drawnTogether.com/sketch/put/2123456?](http://drawnTogether.com/sketch/put/2123456?lat=12.222&long=22.4444&alt=33.4444&ori=11.444&pix=1,2,1312313:3,4,565464&tags=dog,apple)

[lat=12.222&long=22.4444&alt=33.4444&ori=11.444&](http://drawnTogether.com/sketch/put/2123456?lat=12.222&long=22.4444&alt=33.4444&ori=11.444&pix=1,2,1312313:3,4,565464&tags=dog,apple)

[pix=1,2,1312313:3,4,565464&tags=dog,apple](http://drawnTogether.com/sketch/put/2123456?lat=12.222&long=22.4444&alt=33.4444&ori=11.444&pix=1,2,1312313:3,4,565464&tags=dog,apple)

1.3 get sketches from DB

Return sketch information in a location using json format

URL: (domain name will be changed)

<http://drawnTogether.com/sketch/get/deviceid>

Device id:

Unique device id of mobile phone

HTTP Method(s):

GET, POST

Parameters:

- lat: latitude
- long: longitude
- alt: altitude
- ori: orientation

Example:

[http://drawnTogether.com/sketch/get/2123456?](http://drawnTogether.com/sketch/get/2123456?lat=12.222&long=22.4444&alt=33.4444&ori=11.444)

[lat=12.222&long=22.4444&alt=33.4444&ori=11.444](http://drawnTogether.com/sketch/get/2123456?lat=12.222&long=22.4444&alt=33.4444&ori=11.444)