"FOCUS"

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Goal:

★ Run the demo Jupyter Notebook and instruct a Twitter Bot to download Images in a Tweet

Tasks:

★ Install Caffe and reformat images

★ Tweak existing Python code and get API keys

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What we accomplish today:

★ Created the Bot's Twitter account
   @Focus09772511

★ Got the API keys

★ Created a Cloudy Cluster VM

Keep working on:

★ Modify existing Python code that will
   tweet images

★ Downloading the Caffe package


```python
27
28  class MentionStream(TwythonStreamer):
29
30      def on_success(self, data):
31          print("Received tweet from",data["user"]["screen_name"])
32          username = data["user"]["screen_name"]
33          tweetid = data["id"]
34          replytweetid = data["in_reply_to_status_id"]
35
36          print(data)
37
38          botapi = Twython(os.getenv("cons_key"), os.getenv("cons_secret"), os.getenv("access_token"),
        os.getenv("access_secret"))  # create the bot's posting object
39
40          botapi.create_favorite(id=tweetid) # like tweet nevertheless
41
42          # get list of certain people the user did name
43          mentionedppl, tagged_length = particle.mentions(data)
44
45          # if the tweet mentions the bot and it's not the bot's tweet
46          if (BOTNAME in mentionedppl and username!=BOTNAME):
47              print("It's a mention!")
48
49          #The code below should take the image an upload it
50
51          #save the information into photo
52          photo = open(data["/extended_entities/media/media_url.jpeg"], 'rb') #this path file needs is from
        the tweet
53
54          # download the image with requests
55          with open(photo, 'wb') as handle:
56              response = requests.get(link, stream=True)
57          if not response.ok:
58              print(response, iter)
59
60          for block in response.iter_content(1024):
61              if not block:
62                  break
63
```