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28th June 2015

ChatterBot App



ChatterBot App - by Harry Howarth

Harry Howarth's ruby based chat bot.

Permissions: read, write, and direct messages

Approved: Tuesday, February 10, 2015 at 2:38:51 PM

Revoke access

Twitter ChatterBot app written in Ruby using the Twitter gem (<https://rubygems.org/gems/twitter>) and an sqlite database.

```
time = Time.new
hour = time.hour

def database_query(username_instance)
  query = 'SELECT tweeted
          FROM usernames
          WHERE tweeted LIKE ?'
  results = @db.execute query, username_instance

  if results.length == 0
    #ADD TO DATABASE
    # sanitize values
    username = username_instance.strip

    # perform validation
    username_ok = !username.nil? && username != ""

    all_ok = username_ok

    # add data to the database
    if all_ok
      # get next available ID
      username = @db.get_first_value 'SELECT MAX(tweeted)+1 FROM usernames'

      # do the insert
      @db.execute(
        'INSERT INTO usernames VALUES (?)',
        [username])
    end
  end
end

#array of string text that will be used in the tweets.

while hour <= 22 && hour > 9
  users = []
  begin
    begin
```

I learned these skills in my Software Engineering module (COM1001 UoSheffield) where we built a Sinatra Twitter management website using Ruby, Sqlite and gems such as 'Twitter', 'Sqlite3' and 'Sinatra', for 50% of the module, in which I got a mark of 83%.

It ran for around 6 hours gaining a minimum of 182 interactions, however I did not run it for a prolonged period because I it was verging on breaking Twitter's API terms of service for developers.

Home Notifications Messages Search Twitter Tweet

Extra Cheeky Nandos @Cheeky_Nandos_ TWEETS 1,197 FOLLOWING 504 FOLLOWERS 406 FAVORITES 63 Edit profile

Jamie Forrest @jamieforrestt · Jun 24
Any1 wanna go 2 Nandos tonight

Extra Cheeky Nandos @Cheeky_Nandos_ · Jun 24
@jamieforrestt If there isn't a dash of #cheek your Nandos game can't be on fleek...

RETWEET 1 FAVORITES 11

12:43 PM · 24 Jun 2015 · Details

Hide conversation

Reply to @jamieforrestt

Extra Cheeky Nandos @Cheeky_Nandos_ · Jun 24
@A_ticklexxx You seem like the kind of Bantersaurus Rex who would just hit up Nandos on a whim for an EXTRA cheeky meal.

1 2 View conversation

Extra Cheeky Nandos retweeted
Sabrina's Secret @SabrinaLouise · Jun 24
This is about you @planetjedward 🤔

Extra Cheeky Nandos @Cheeky_Nandos_
@SabrinaLouise So you were hanging with the lads and you were peckish

You can see further screenshots of interactions, other than the one above in the same file as this.