Without being banned for life?...

Setup:

Run the following from your favorite directory to begin using automated_craigslist_search

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$ git clone git@github.com:robertdavidwest/api-automated_craigslist_search.git #assuming ssh install
```

\$ cd automated_craigslist_search

\$ python setup.py install

Packages needed: urllib2, bs4, pandas, email

What does it do?

Automates craigslist searches, stores the results in a pandas. DataFrame, allows you to e-mail results as html

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Example:

```
In [28]: import automated_craigslist_search.connect_to_craigslist as connect_to_craigslist
In [29]: df = connect_to_craigslist.search_craigslist('katy perry',min_value =
100, max_value=200, category='tickets', city='newyork')
In [30]: print df.head()
                    Location Price \
    Date
          (Midtown East)
  Jun 26
                             $125
             (Hoboken, NJ)
  Jun 26
                             $115
 Jun 26 (Midtown West)
                              $200
  Jun 25
           (Upper East Side)
                             $150
           (Upper East Side) $150
4 Jun 25
                                      Results
                                                                  urls
                      Katy Perry July 9th MSG /mnh/tix/4534246055.html
0
             KATY PERRY/7-11/PRUDENTIAL CENTER /jsy/tix/4503519503.html
  The Prismatic World Tour (Katy Perry) M.S.G /mnh/tix/4518250309.html
3
                         Katy Perry at MSG 7/9 /mnh/tix/4538330862.html
4
                         Katy Perry at MSG 7/9 /mnh/tix/4538175626.html
```

Activity Partners

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- Removed common words

Removed common words:

```
In [33]: print std_word_set
set(['all', 'just', 'being', 'over', 'both', 'through', 'yourselves', 'its',
'before', 'herself', 'had', 'should', 'to', 'only', 'under', 'ours', 'has', 'do',
'them', 'his', 'very', 'they', 'not', 'during', 'now', 'him', 'nor', 'did', 'this',
'she', 'each', 'further', 'where', 'few', 'because', 'doing', 'some', 'are', 'our',
'ourselves', 'out', 'what', 'for', 'while', 'does', 'above', 'between', 't', 'be',
'we', 'who', 'were', 'here', 'hers', 'by', 'on', 'about', 'of', 'against', 's', 'or',
'own', 'into', 'yourself', 'down', 'your', 'from', 'her', 'their', 'there', 'been',
'whom', 'too', 'themselves', 'was', 'until', 'more', 'himself', 'that', 'but', 'don',
'with', 'than', 'those', 'he', 'me', 'myself', 'these', 'up', 'will', 'below', 'can',
'theirs', 'my', 'and', 'then', 'is', 'am', 'it', 'an', 'as', 'itself', 'at', 'have',
'in', 'any', 'if', 'again', 'no', 'when', 'same', 'how', 'other', 'which', 'you',
'after', 'most', 'such', 'why', 'a', 'off', 'i', 'yours', 'so', 'the', 'having',
'once'])
```

Removed common words: The rest by trial and error:

```
location_words = ['manhattan','midtown',"nyc","houston","san","antonio",
"pheonix","city","chicago","phoenix"]
needy_words = ["looking","seeking","want","wanted","needed","need","help"]
others = ['sick','action',"new",'opening',"starts","players","player","free",
"partner","team","group","july","get","th"]
```

Chicago	Houston	Los Angeles	New York	Philadelphia	Phoenix	San Antonio
1 tennis (25)	workout (12)	tennis (38)	tennis (44)	tennis (25)	softball (36)	league (9)
2 female (10)	join (9)	lessons (15)	poker (30)	softball (15)	soccer (24)	tennis (9)
3 soccer (9)	trainer (8)	female (15)	female (30)	training (11)	coed (17)	basketball (7)
4 lessons (7)	training (8)	softball (14)	game (23)	coed (9)	female (16)	fitness (6)
5 softball (6)	fitness (8)	trainer (14)	lessons (19)	fitness (8)	personal (14)	coed (6)
6 play (5)	tennis (8)	training (13)	english (19)	partners (8)	training (13)	softball (4)
7 coed (5)	soccer (8)	league (13)	exchange (18)	female (8)	league (12)	training (4)
8 partners (5)	personal (8)	coed (12)	park (17)	friends (7)	football (12)	workout (4)
9 league (5)	partners (7)	workout (12)	language (17)	workout (7)	play (11)	football (4)
10 arts (4)	ladies (6)	pick (11)	softball (14)	personal (7)	summer (10)	work (4)
11 martial (4)	buddy (6)	personal (11)	central (14)	boxing (6)	indoor (10)	mens (4)
12 summer (4)	friends (6)	classes (10)	personal (12)	learn (6)	workout (10)	gym (3)
13 buddy (3)	certified (5)	soccer (10)	yoga (12)	play (6)	male (9)	like (3)
14 men (3)	activity (5)	gym (10)	club (10)	fit (6)	night (9)	advice (3)
15 baseball (3)	weight (5)	buddy (10)	best (10)	soccer (5)	tennis (8)	friends (3)
16 fitness (3)	lose (5)	boxing (9)	summer (10)	make (5)	youth (8)	camps (3)
17 workout (3)	study (4)	dance (8)	play (9)	month (5)	kickers (7)	flair (3)
18 adult (3)	coach (4)	fun (8)	korean (9)	bootcamp (5)	flag (7)	events (3)
19 amateur (3)	football (4)	mens (8)	sunday (9)	baseball (5)	leagues (7)	online (3)
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		A	verage Winter Lo	ow		
18 Chicago	23 New York	24 Philadelphia	40 San Antonio	43.2 Houston	46 Phoenix	48 Los Angeles
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coed (5)	exchange (18)	female (8)	training (4)	soccer (8)	league (12)	league (13)
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martial (4)	central (14)	boxing (6)	mens (4)	buddy (6)	indoor (10)	personal (11)
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men (3)	club (10)	fit (6)	advice (3)	activity (5)	night (9)	gym (10)
baseball (3)	best (10)	soccer (5)	friends (3)	weight (5)	tennis (8)	buddy (10)
fitness (3)	summer (10)	make (5)	camps (3)	lose (5)	youth (8)	boxing (9)
workout (3)	play (9)	month (5)	flair (3)	study (4)	kickers (7)	dance (8)
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