scholarly 0.2.5

Description

What is it? scholarly is a module that allows you to retrieve author and publication information from Google Scholar in a friendly, Pythonic way.

Requirements arrow, Beautiful Soup, bibtexparser, requests[security].

License The original code that this project was forked from was released by Bello Chalmers under a WTFPL license. In keeping with this mentality, all code is released under the Unlicense.

Reference https://pypi.org/project/scholarly/

Installation

from pypi

```
$ pip install scholarly
```

from github

```
$ pip install git+https://github.com/OrganicIrradiation/scholarly.git
```

clone git

```
$ git clone https://github.com/OrganicIrradiation/scholarly.git
```

Example

retrieve an author's profile then retrieve the titles of the papers that cite his most popular (cited) paper.

```
# Retrieve the author's data, fill-in, and print
search_query = scholarly.search_author('Steven A Cholewiak')
author = next(search_query).fill()
print(author)

# Print the titles of the author's publications
print([pub.bib['title'] for pub in author.publications])

# Take a closer look at the first publication
pub = author.publications[0].fill()
print(pub)

# Which papers cited that publication?
print([citation.bib['title'] for citation in pub.get_citedby()])
```

Methods

search_author

Search for an author by name and return a generator of Author objects.

```
>>> search_query = scholarly.search_author('Marty Banks, Berkeley')
>>> print(next(search_query))
{'_filled': False,
 'affiliation': 'Professor of Vision Science, UC Berkeley',
 'citedby': 17758,
 'email': '@berkeley.edu',
 'id': 'Smr99uEAAAAJ',
 'interests': ['vision science', 'psychology', 'human factors', 'neuroscience'],
 'name': 'Martin Banks',
 'url_picture': 'https://scholar.google.com/citations?view_op=medium_photo&user=Smr99uEAAAAJ'}
```

search_keyword

Search by keyword and return a generator of Author objects.

```
>>> search_query = scholarly.search_keyword('Haptics')
>>> print(next(search_query))
{'_filled': False,
 'affiliation': 'Stanford University',
 'citedby': 31731,
 'email': '@cs.stanford.edu',
 'id': '4arkOLcAAAAJ',
 'interests': ['Robotics', 'Haptics', 'Human Motion Understanding'],
 'name': 'Oussama Khatib',
 'url_picture': 'https://scholar.google.com/citations?view_op=medium_photo&user=4arkOLcAAAAJ'}
```

search_pubs_query

Search for articles/publications and return generator of Publication objects.

```
>>> search_query = scholarly.search_pubs_query(
         'Perception of physical stability and center of mass of 3D objects')
>>> print(next(search_query))
{'_filled': False,
 'bib': {'abstract': 'Humans can judge from vision alone whether an object is '
                     'physically stable or not. Such judgments allow observers '
                     'to predict the ... '
         'author': 'SA Cholewiak and RW Fleming and M Singh',
         'eprint': 'http://jov.arvojournals.org/article.aspx?articleid=2213254',
         'title': 'Perception of physical stability and center of mass of 3-D '
                  'objects',
         'url': 'http://jov.arvojournals.org/article.aspx?articleid=2213254'},
 'citedby': 14,
 'id_scholarcitedby': '15736880631888070187',
 'source': 'scholar',
 'url_scholarbib':'https://scholar.googleusercontent.com/scholar.bib?q=info:K8ZpoI6hZNoJ:scholar.
       google.com/&output=citation&scisig=AAGBfm0AAAAAXGSbUf67ybEFA3NEyJzRusXRbR441api&scisf=4
       &ct=citation&cd=0&hl=en'}
```