

Forum:[Hack Forums](#)

Thread: [Simple dictionary in python using urllib2 and dictionary.com](#)

ImportUsername - October 20, 2013, 9:20 am

Dictionary as in the thing that looks up what words mean, not "{}". Anyway Yea, turns out it's really nice and easy to write, also very short. The essential parts are only 5 lines long, but this one catches exceptions if the word isn't real, and also just looks a little nicer:

<http://pastebin.com/2r8z3PZM>

OR

Spoiler ([Click to View](#))

Code import urllib2

```
def main():
    print(" -- Python Dictionary -- ")
    while True:
        word = raw_input("\n>> Enter a word to search(CTRL+C to exit): ").title()
        page = urllib2.urlopen("http://dictionary.reference.com/browse/"+word+"?s=t").read()
        try:
            print("\n" + page[page.index(word+" definition");page.index("See more.")])
        except:
            print("\nWord not valid")

if __name__ == '__main__':
    main()
```

And condensed to the minimum amount of lines* (for whatever reason)

Spoiler ([Click to View](#))

Code import urllib2

```
while True:
    word = raw_input("\n>> Enter a word to search(CTRL+C to exit): ").title()
    page = urllib2.urlopen("http://dictionary.reference.com/browse/"+word+"?s=t").read()
    print("\n" + page[page.index(word+" definition");page.index("See more.")])
*It could probably be less, but I'm not perfect and it also gets a lot harder to read
```

Anyway there you go. Never again will you have to wonder what a word means ?

wroteshea - January 6, 2014, 3:20 am

Thanks alot, will learn from this! Stoked.

CodeX - January 6, 2014, 6:52 am

A minor note: you should use urlencode on the word as it could be something like can't (can%27t) or Crème (Cr%C3%A8me)

KingofPython - January 6, 2014, 1:12 pm

Great! Learned a lot from this! I might look into remaking this my own way :)

ImportUsername - January 6, 2014, 1:34 pm

(Jan 6, 2014 07:52 AM)CodeX Wrote: [\[CITE\]](#) A minor note: you should use urlencode on the word as it could be something like can't (can%27t) or Crème (Cr%C3%A8me)

You bring up a good point. I can't edit the original post, but here is the fix:

add this line:

Code `word = word[0].upper()+word[1:]` right after word is gotten from input

replace this line:

Code `page = urllib2.urlopen("http://dictionary.reference.com/browse/"+word+"?s=t").read()` with this line:

Code `page =`

`urllib2.urlopen("http://dictionary.reference.com/browse/"+urllib.quote_plus(word)+"?s=t").read()`

and replace this line:

Code `import urllib2` with this line:

Code `import urllib2,urllib`

?????? EDIT: 400th post hot dam! ??????