

I'd imagine if there is no WADL or some sort of blueprint for a given server than probably not

`<http://10.51.50.10:42066/results/J0HWW-lwQAAAF0HWW-jjgAAAFoAKAA%253D%253D/%5B%27lol%27%2C%20%27dog%2

my problem is i keep getting this error and i'm not sure what it means

...

HTTP/1.1" 500 -

...

this is the route

...

```
processed_data, token = process_data(data=data, tags=tags)
```

```
return render_template('results.html', data=processed_data[1], token=token, tags=tags)
```

```
return render_template('results.html', data=processed_data[:1], token=token, tags=tags)
```

...

and this is the template

...

<!DOCTYPE html>

<html>

<body style="background-color:powderblue;">

<h1>{{ data }}</h1>

<form action="{url_for('next', token=token, tags=tags)}">

</form>

</body>

</html>

...

U6AFDVDA9 : any thoughts?

U5NMSURQA : ``127.0.0.1 - - [19/Jul/2017 21:43:01] "GET

/results/J0HWW-lwQAAAF0HWW-jjgAAAFoAKAA%253D%253D/%5B%27lol%27%2C%20%27dog%27%5D?

HTTP/1.1" 200 -

...

U5NMSURQA : ``from flask import Flask

app = Flask('app')

app.config['DEBUG'] = True

@app.route('/results/', methods=['GET', 'POST'], defaults={'token': None, 'tags': None})

@app.route('/results/<token><tags>', methods=['GET', 'POST'])

def results(token, tags):

return 'OK'

...

U5NMSURQA : Strange indeed.

U6AFDVDA9 : one thought i just had

U6AFDVDA9 : my token and tag vars come through as ``

INFO:root:TOKEN: J0HWW-lwQAAAF0HWW-jjgAAAFoAKAA%3D%3D

INFO:root:TAGE: ['lol', 'dog']

...

U6AFDVDA9 : could the tags coming through as a python data structure as a string have somethign to do with it?

U6AFDVDA9 : i've been banging my head on this for hours. and you saying strange indeed gave me some validation that is helping me to not go crazy haha

U5NMSURQA : wait, what do you mean coming through as a python data structure?

U6AFDVDA9 : it's getting placed in the url like this `['lol', 'dog']` but encoded

U6AFDVDA9 : `/%5B%27lol%27%2C%20%27dog%27%5D?`

U5NMSURQA : Works either way :confused:

U6AFDVDA9 : hmmmmmmm

U653RFLBD : `J0HWW-lwQAAAF0HWW-jjgAAAFoAKAA%253D%253D` !=

`J0HWW-lwQAAAF0HWW-jjgAAAFoAKAA%3D%3D`. % sign in debug token got url encoded to %25

U6AFDVDA9 : ?

U4BMZ90T0 : If I'm trying to parse some xml should I be using something like `beautifulsoup`?

U2BS4M1RV : I've not used beautifulsoup, but if it is just xml there are other xml libraries

U5NMSURQA : why not lxml :slightly_smiling_face:

U5NMSURQA : it's got `xml` in its name

U2BS4M1RV : I believe that is the one I liked.

U2BS4M1RV : It can parse xml without you having to know anything about the content.

U5NMSURQA : and beautifulsoup only has `soup`...

U5NMSURQA : ah, and `beautiful`..

U29163YQH : be sure to use `defusedxml` if you are parsing unknown xml

U4BMZ90T0 : Yeah I saw there was some possibility of malicious xml with certain libraries unable to deal with it

U4BMZ90T0 : Why does xml seem so much more annoying than json... ugh

U29163YQH : because it is ? :smile:

U6AFDVDA9 : oh wow <@U653RFLBD> i see what you are saying. it's not failing at the flask level, it's failing at the instagram fetch level because the token is wrong

U2BS4M1RV : Yeah, I would much prefer json.

U4BMZ90T0 : Woo `from lxml import etree` can't find reference to etree :smile:

U5NMSURQA : `import lxml.etree as etree`

U5NMSURQA : `tree = etree.fromstring(binary_data)`

U4BMZ90T0 : `no module named etree`

U5NMSURQA : :open_mouth:

U4BMZ90T0 : gonna stick with just xml.etree lol
U4BMZ90T0 : pip installed and everything
U4BMZ90T0 : odd
U5NMSURQA : enjoy slow parsing :slightly_smiling_face:
U5NMSURQA : but yeah, pretty strange
U2BS4M1RV : Slow and frustrating.
U2BS4M1RV : lxml should really be in the standard library.
U5NMSURQA : well, `xml` already is and they share an interface (I think)
U42LCHFD2 : all you have to do is ```import requestsimport lxml
from lxml import html

```
def xpathScraper(url,tag):  
    page = requests.get(url)  
    tree = html.fromstring(page.content)  
    web_content = tree.xpath(tag)  
    return web_content``
```

U4BMZ90T0 : Yeah I think that the Etree class is shared
U4L4AH15L : Why no `BeautifulSoup`? it supports `lxml` as well
U5NMSURQA : BeautifulSoup's interface is bizarre
U5NMSURQA : like really strange
U5NMSURQA : And it's an abstraction over lxml either way
U42LCHFD2 : im not a fan of bsoup
U42LCHFD2 : and everything i have ever tried/wanted to do i was able to solve with lxml in one way or another
U2BS4M1RV : I just installed lxml and I noticed I get an import error as well. ``

Traceback (most recent call last):

```
File "&lt;input&gt;", line 1, in &lt;module&gt;  
File "C:\Users\AB14925\Desktop\Viewfinity\PyCharm Community Edition  
2017.1.3\helpers\pydev\_pydev_bundle\pydev_import_hook.py", line 21, in do_import  
    module = self._system_import(name, *args, **kwargs)  
ImportError: DLL load failed: The specified procedure could not be found.  
``
```

U5NMSURQA : lxml has cssselect, which is a godsend