JakeDineen_6.4

August 20, 2018

```python
In [41]: import urllib
         from urllib import request
         url = "http://feeds.bbci.co.uk/news/rss.xml"
         from bs4 import BeautifulSoup
         import urllib.request
         xmlstring = urllib.request.urlopen(url).read().decode('utf8')
         len(xmlstring)
         xmlstring[:500]
         import xml.etree.ElementTree as etree
         import io
         xmlfile = io.StringIO(xmlstring)
         tree = etree.parse(xmlfile)
         root = tree.getroot()
         root.tag
         root.attrib
         root.text


         firstchild = root[0]
         firstchild.tag
         firstchild.attrib
         firstchild.text



         firstgrandchild = firstchild[0]
         firstgrandchild.text

         itemlist = firstchild.findall('item')
         firstitem = itemlist[0]
         for element in firstitem:
             print(element.tag, element.attrib, element.text)

title {} Italy bridge: State of emergency follows Genoa disaster
description {} Italy's prime minister says it will last 12 months, and promises 5m to the Ligu
link {} https://www.bbc.co.uk/news/world-europe-45193614
guid {'isPermaLink': 'true'} https://www.bbc.co.uk/news/world-europe-45193614
pubDate {} Wed, 15 Aug 2018 17:55:39 GMT
{http://search.yahoo.com/mrss/}thumbnail {'width': '976', 'height': '549', 'url': 'http://c.fil
```