

```
1  #!/usr/bin/env python
2  #
3  # 20080111 jim@OnNZ.net
4  """a quick hack to rewrite item links in WikiEducator RSS feeds"""
5
6  import cgi
7  import cgitb; cgitb.enable()
8  import sys
9  import urllib2
10 from BeautifulSoup import BeautifulSoup, Tag
11
12 form = cgi.FieldStorage()
13 print "Content-Type: application/xml"
14 print
15
16 if not form.has_key('url'):
17     #error
18     print "bad URL"
19     sys.exit(1)
20
21 url = form['url'].value
22
23 if url.find('wikieducator.org') < 0:
24     #error
25     print "bad URL"
26     sys.exit(1)
27
28 #feed = urllib2.urlopen("http://wikieducator.org/index.php?title=Travel_and_
Tourism&action=feed&feed=rss")
29 feed = urllib2.urlopen(url + "&action=feed&feed=rss")
30 soup = BeautifulSoup(feed)
31
32 page_link = soup.find('link').string
33 for item in soup('item'):
34     section_title = item.title.string.replace(' ', '_')
35     link = item.link.string
36     item.link.string.replaceWith(page_link + '#' + section_title)
37
38 # hack to replace the xmlstylesheet to hide BeautifulSoup infelicity
39 new_feed = soup.__str__().split('\n')
40 new_feed[1] = '<?xmlstylesheet type="text/css" href="http://wikieducator.or
g/skins/common/feed.css?102"?>'
41 print '\n'.join(new_feed)
42
```