

## TextCritical.net - Bug #2330

Feature # 551 (Closed): Lexicon support: Liddell and Scott (Middle)

### LSJ cannot be exported to an epub

11/20/2018 10:00 PM - Luke Murphey

<b>Status:</b>	Closed	<b>Start date:</b>	11/20/2018
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Luke Murphey	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	3.0		
<b>Description</b>			

#### Associated revisions

##### Revision 890 - 11/21/2018 03:54 PM - lukemurphey

Changing TOC nodes to use Django templates since Genshi fails to handle Unicode correctly

Reference #2330

##### Revision 928 - 11/21/2018 03:54 PM - lukemurphey

Changing TOC nodes to use Django templates since Genshi fails to handle Unicode correctly

Reference #2330

##### Revision 892 - 11/21/2018 04:51 PM - lukemurphey

Migrating away from Genshi templates for epub generation

Reference #2330

##### Revision 930 - 11/21/2018 04:51 PM - lukemurphey

Migrating away from Genshi templates for epub generation

Reference #2330

##### Revision 893 - 11/21/2018 05:03 PM - lukemurphey

Migrating away from Genshi templates for epub generation

Reference #2330

##### Revision 931 - 11/21/2018 05:03 PM - lukemurphey

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**Revision 894 - 11/21/2018 05:07 PM - lukemurphey**

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**Revision 932 - 11/21/2018 05:07 PM - lukemurphey**

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**Revision 895 - 11/21/2018 05:12 PM - lukemurphey**

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**Revision 933 - 11/21/2018 05:12 PM - lukemurphey**

Migrating away from Genshi templates for epub generation

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**Revision 896 - 11/21/2018 05:55 PM - lukemurphey**

Finalizing changes to move away from Genshi templates for ebooks

Reference #2330

**Revision 934 - 11/21/2018 05:55 PM - lukemurphey**

Finalizing changes to move away from Genshi templates for ebooks

Reference #2330

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## History

**#1 - 11/20/2018 10:36 PM - Luke Murphey**

The TOC cannot be generated because it seems to require ascii.

Might want to consider:

- <https://github.com/aerkalov/ebooklib>
- <https://pypi.org/project/epub/>
- <https://github.com/wcember/pypub>

**#2 - 11/20/2018 10:47 PM - Luke Murphey**

Example of what is happening here:

```
s = 'main \xe1\xbc\x80\xe1\xbd\xbl\xce\xb1\xcf\x84\xce\xbf\xcf\x82'  
s.decode('utf-8')
```

```
s.decode('utf-8').encode('ascii', 'ignore')
```

### #3 - 11/20/2018 10:59 PM - Luke Murphey

Trace:

- textcritical\_net/src/epub.py: self.\_\_writeTocNCX()
- textcritical\_net/src/epub.py: fout.write(stream.render('xml'))

The error is generated from:

```
<navLabel><text>${node.title}</text></navLabel>
```

Similar to: <https://genshi.edgewall.org/ticket/542>

### #4 - 11/20/2018 11:18 PM - Luke Murphey

Observations:

1. title is an instance of str with utf-8 encoding
2. The following does not work:
  1. title.decode("utf-8")
  2. title
  3. unicode(title)
  4. unicode(title.decode("utf-8"))
3. The following generates no errors but the content is wrong:
  1. title.decode("utf-8").encode("ascii", "ignore")
  2. title.decode("utf-8").encode("windows-1252", "ignore")
  3. title = Greek.unicode\_to\_beta\_code(unicode(title.decode("utf-8")))

### #5 - 11/20/2018 11:18 PM - Luke Murphey

Questions:

- Why do the main content pages not fail?
  - Genshi is not being imported for that rendering
- Would using Django templates work?
  - Could likely use <http://jinja.pocoo.org/>

### #6 - 11/21/2018 05:55 PM - Luke Murphey

- Status changed from New to Closed

- % Done changed from 0 to 100