

## TextCritical.net - Task #472

Feature # 466 (Closed): Lemma lookup

### Lemma lookup REST API

12/08/2012 06:07 AM - Luke Murphey

<b>Status:</b>	Closed	<b>Start date:</b>	12/22/2012
<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>	0.2		
<b>Description</b>			
Create the API for provided lemma lookup information.			
<b>Subtasks:</b>			
Bug # 480: Make morphology lookups insensitive to browser differences			<b>Closed</b>
Bug # 481: Make morphology lookups not dependent on case			<b>Closed</b>
Bug # 482: Do not list spaces as words for morphology lookups			<b>Closed</b>
Bug # 483: Do not include punctuation as part of in words for morphological lookups			<b>Closed</b>
Task # 484: Set style of word morphology links			<b>Closed</b>

### History

#### #1 - 12/15/2012 10:23 AM - Luke Murphey

- Status changed from New to In Progress

#### #2 - 12/20/2012 10:03 PM - Luke Murphey

- % Done changed from 0 to 60

#### #3 - 12/22/2012 05:17 AM - Luke Murphey

Some of these lookups are not succeeding. For example, κατὰ in "De bello Judaico libri vii" 2.4.3 (<http://127.0.0.1:8080/work/de-bello-judaico-libri-vii/2/4/3>) does not find anything even though it is indeed defined (do a search in the admin for prepositions, [http://127.0.0.1:8080/admin/reader/worddescription/?q=down&part\\_of\\_speech\\_exact=5](http://127.0.0.1:8080/admin/reader/worddescription/?q=down&part_of_speech_exact=5)).

#### #4 - 12/22/2012 05:19 AM - Luke Murphey

I see the problem, the accents are different. Josephus has κατὰ but the index has κατά.

#### #5 - 12/22/2012 05:24 AM - Luke Murphey

I need to derive a better solution for querying the database such that the content is normalized. Both of the following should be treated as the same:

κατά  
κατα

However, these are different queries to the database:

[http://127.0.0.1:8080/api/word\\_parse/%CE%BA%CE%B1%CF%84%CE%AC](http://127.0.0.1:8080/api/word_parse/%CE%BA%CE%B1%CF%84%CE%AC)  
[http://127.0.0.1:8080/api/word\\_parse/%CE%BA%CE%B1%CF%84%E1%BD%B1](http://127.0.0.1:8080/api/word_parse/%CE%BA%CE%B1%CF%84%E1%BD%B1)

#### #6 - 12/22/2012 06:50 PM - Luke Murphey

Normalizing worked. However, many words lookups are still failing; need to look into these. See ἐγὼ in De bello Judaico libri vii.

Also, some words get multiple entries that are identical. For example, a lookup on πρῶτα in the first chapter of De bello Judaico libri vii provides two identical parses.

**#7 - 12/22/2012 07:01 PM - Luke Murphey**

Participles don't seem to be getting listed correctly too.

**#8 - 12/22/2012 08:27 PM - Luke Murphey**

Participles are fixed.

**#9 - 12/22/2012 08:27 PM - Luke Murphey**

- *Status changed from In Progress to Closed*

**#10 - 12/27/2012 04:58 AM - Luke Murphey**

- *Assignee set to Luke Murphey*