

# Use VerbNet, NLTK to parse verbs

Asked 9 years, 9 months ago   Modified 9 years, 7 months ago

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I want to identify the verbs used in sentences and determine whether the verb is being used with a literal or figurative meaning. I think I should use VerbNet and NLTK. But, I have never used VerbNet. How do I start?

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nlTK



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edited Mar 6, 2015 at 14:07



HavelTheGreat

3,376 ● 2 ● 17 ● 34

asked Mar 6, 2015 at 6:40



David Yi

401 ● 1 ● 6 ● 18

2 See this tutorial:

[nbviewer.ipython.org/url/lope.linguistics.ntu.edu.tw/courses/...](http://nbviewer.ipython.org/url/lope.linguistics.ntu.edu.tw/courses/...) – mac389 Mar 6, 2015 at 10:08

1 also [n0b3l1a.blogspot.de/2009/10/...](http://n0b3l1a.blogspot.de/2009/10/...) – alvas  Mar 6, 2015 at 13:05

1 Answer

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5



Well I am not sure regarding the first part of the question. Perhaps [word sense disambiguation](#) might help you here.

Regarding the second part you must first download the verbnet corpus, use this : `>>>import nltk`

`>>>nltk.download()` . Then you can refer to [this link](#) for a primer on the methods. The basic structure and organisation of verbnet can be read [here](#) and [here](#)

The verb net is basically divided into 'verb classes' which contain the verbs which have similar syntactic and semantic properties. So a given verb say 'accept' can be used in many ways. All those variations are captured by the following Verb net classes : 'approve-77', 'characterize-29.2-1-1', 'obtain-13.5.2'. The full index of verb net classes can be found [here](#).

For more info refer to [this link](#) and go to the subsection 'verbnet' in section 1.12. Also the Verbnet is also integrated with Wordnet. This means you can access a Verb net 'class' corresponding to the Wordnet 'word sense '. Please refer to the earlier links for more information.

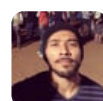
Hope this helps

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edited May 1, 2015 at 15:24

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answered May 1, 2015 at 14:50



Kiran Yallabandi

2,584 ● 2 ● 23 ● 25

