PHP-Stanford-NLP

PHP interface to Stanford NLP Tools (POS Tagger, NER, Parser)

This library was tested against individual jar files for each package (version 3.4.1).

It was NOT built for use with the Stanford CoreNLP.

Installation

This library requires PHP 5.3 or later.

It is available via Composer as agentile/php-stanford-nlp.

You may also clone this repository, then require or include its autoload.php file.

POS Tagger

http://nlp.stanford.edu/downloads/tagger.shtml

Mimicks http://nltk.org/\_modules/nltk/tag/stanford.html#StanfordTagger

Example Usage

$pos = new \StanfordNLP\POSTagger(

'/path/to/stanford-postagger-2014-08-27/models/english-left3words-distsim.tagger',

'/path/to/stanford-postagger-2014-08-27/stanford-postagger.jar'

);

$result = $pos->tag(explode(' ', "What does the fox say?"));

var\_dump($result);

array(6) {

[0]=>

array(2) {

[0]=>

string(4) "What"

[1]=>

string(2) "WP"

}

[1]=>

array(2) {

[0]=>

string(4) "does"

[1]=>

string(3) "VBZ"

}

[2]=>

array(2) {

[0]=>

string(3) "the"

[1]=>

string(2) "DT"

}

[3]=>

array(2) {

[0]=>

string(3) "fox"

[1]=>

string(2) "NN"

}

[4]=>

array(2) {

[0]=>

string(3) "say"

[1]=>

string(2) "VB"

}

[5]=>

array(2) {

[0]=>

string(1) "?"

[1]=>

string(1) "."

}

}