Stanford CoreNLP Quick Start Guide

Stanford CoreNLP is a set of software tools for common NLP tasks. Read more here:
https://stanfordnlp.github.io/CoreNLP/

Download and Extract

The page at the link above contains a download link. Download to the directory of your choice and expand the folder.

The folder contains a sample Java program 'StanfordCoreNlpDemo.java' that you can run in an IDE, modifying it for your needs. When running the demo program in an IDE, many of the jar files in the directory will need to be accessible from the project.

Running from the Console

Here's an example of running CoreNLP from the console:

```
java -cp "*" -Xmx2g edu.stanford.nlp.pipeline.StanfordCoreNLP -annotators
tokenize,ssplit,pos,lemma,ner,parse -file input.txt -outputFormat text
```

In this example, the classpath and memory requirements are specified first. Then the CoreNLP program is run. The annotators option specifies which NLP tools to apply. This example inputs file 'input.txt' and outputs the results as a text file. The output file will be named 'input.txt.out'

Commonly used annotator options:
- tokenize
- ssplit (sentence split)
- pos (part of speech)
- lemma
- ner (named entity recognition)
-parse (constituency and dependency parses)
- depparse (just dependency parse)

A complete list of annotators is available here: https://stanfordnlp.github.io/CoreNLP/annotators.html

Many more run options are listed here: https://stanfordnlp.github.io/CoreNLP/cmdline.html