Docket #: S08-356

Stanford Part-of-Speech Tagger

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This is a robust, very high performance statistical part of speech tagger, with pretrained models for English, German, (simplified) Chinese, French and Arabic, and with the ability to train new models. It is suitable for many types of text processing applications where it is useful to know the part of speech of words.

Licensing

The Stanford Part-of-Speech Tagger is available for download for non-commercial use under the GNU GPL at <u>http://nlp.stanford.edu/software/tagger.shtml</u>. If you would like a commercial license, please contact Chris Tagge at tagge@stanford.edu or 650-725-8402.

Applications

• Accurately assign the part-of-speech (noun, verb, etc.) to words in general text

Advantages

- High performance
- Good unknown word class assignment
- Use of regularization, distributional similarity and higher-order feature templates
- discriminative inference

Innovators

- Christopher Manning
- Institutional Work

- William Morgan
- Anna Rafferty
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