

wordrobe

using games with a purpose
for linguistic annotation

A Game...

Twins: POS tagging

The military **reports** rebel casualties almost daily, and both sides are known to exaggerate the number of people killed.

noun
 verb

Place your bet: low high



Names: named entity tagging

Exports of apparel have boomed in recent years primarily due to duty-free access to the **US**.

What is **US** in this text?

Person (Obama, J. van der Linden, Benedict XVI, Fluffy, Zeus, ...)
 Organization (Egypt, U.K., UNESCO, The Beatles, FC Groningen, Apple, C...
 Location (Egypt, Groningen, New York, Asia, Long Island, Himalaya, Amer...
 Fact (Aspirin, Nobel Prize, Volvo, Hey Jude, Titanic, ...)
 Event (EURO 2012, World War II, Scrocco, Woodstock, Chernobyl, ...)
 Natural Object (HIV, Big Mouth Billy Bass, Hurricane Sandy, AIDS, A...
 Time (January, Monday, ...)

Place your bet: low high



Senses: word sense disambiguation

More electrical power capacity is needed for additional investment **projects** in titanium extraction and processing and garment manufacturing that could further close the import/export gap.

any piece of work that is undertaken or attempted (synonyms: undertaking, a planned undertaking)

Place your bet: low high



Pointers: coreference resolution

A **CROW** was jealous of the **Raven**, because he was considered a **bird** of good omen and always attracted the **attention** of men, who noted by his flight the good or evil course of future events.

1) CROW
 2) Raven
 3) bird
 4) attention

Place your bet: low high



Points (on 14/01/2013)

1	adrien	8872 points
2	Aristotle	7630 points
3	mayhewsw	3944 points
4	indirectobject	3877 points
5	mikemon	3463 points
6	BarbaraQuanbeck	3285 points

Achievements

			Drawers overall
			Drawers in a game
			Drawers all-round

...with a Purpose

- Large-scale collection of linguistic annotations
- Annotations help improving the Groningen Meaning Bank
- Different linguistic phenomena within a single game-structure
- Automatically generated game material
- Evaluation based on agreement between players
- Betting system for quality control

First Results (since September 2012)

