- G. K. Chesterton: "There are two ways to get enough. One is to continue to accumulate more and more. The other is to desire less.
- A. Einstein: "There are two ways to live: you can live as if nothing is a miracle; you can live as if everything is a miracle."

The Good, the Bad, and the Ugly: "There are two kinds of people in the world, my friend: Those with a rope around the neck, and the people who have the job of doing the cutting."

- D. Ellington: "There are two kinds of music. Good music, and the other kind."
- B. Russell: "There are two motives for reading a book; one, that you enjoy it; the other, that you can boast about it."
- T. Robbins: "There are two kinds of people in this world: Those who believe there are two kinds of people in this world and those who are smart enough to know better."



Sprogteknologi sans frontières

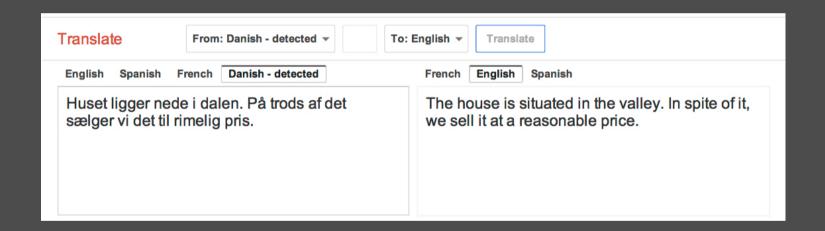
- Sprogteknologi uden sætningsgrænser
- Sprogteknologi uden domænegrænser

Sprogteknologi uden (sætnings-)grænser

Why are people always using Google Translate as an example?



(Franz Och.)



Sprogteknologi uden (domæne-)grænser

Why are people always using Twitter as an example?



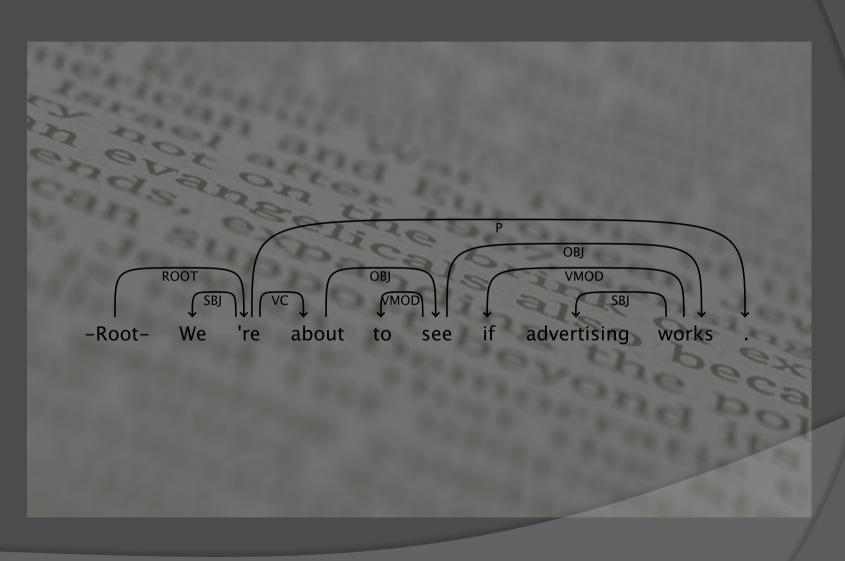
(Jack Dorsey.)



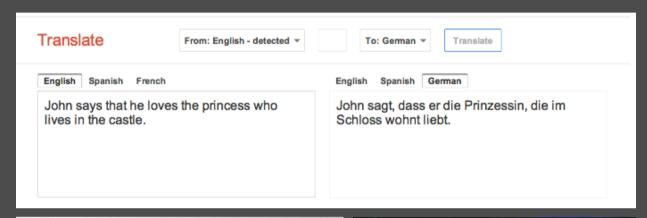
Making sense of language



Making sense of language



Parsing's @ the core of the future





State-of-the-art parsers induced from annotated newspapers



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FRIDAY, JULY 21, 2000 - VOL. CCXLVIII NO. 17 - ** CONTINENTAL U.S. \$1.00/HONOLULU \$1.65

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What's News-

Business and Finance

ICROSOFT'S NET FELL VI 24%, dragged down by legal expenses, as sales rose 16%. The software company also announced a stock-buyback program that includes a \$20 billion tender offer. Google's earnings doubled and revenue surged 77% as the company controlled costs. SAP's profit climbed 43%.

World-Wide

m ISRAEL IS WARNING civilians in Southern Lebanon to leave the area. In a possible prefude to a full-scale ground offensive, patrois were sent into the zone, but Hezbollah killed two soldiers and two Israeli helicopters collided, injuring four, Nasrallah appeared on TV to show he escaped Israeli bombs. The toil in Lebanon grew by at least 30, and food and fuel prices soured as supplies

Burning Debate

As Emission Restrictions Loom, Texas Utility Bets Big on Coal

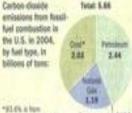
TXU to Build II New Plants As Rivals Try Alternatives; Global Warming Is Concern

Mr. Wilder Cites Demand

By RESECCA SMITH

Top executives at many utility compa

Power Source



Brocad 2 Other In Opti

Authorities As Backdat Extend to

Federal outh criminal seco against a forme ecutive and fwo stock-options be

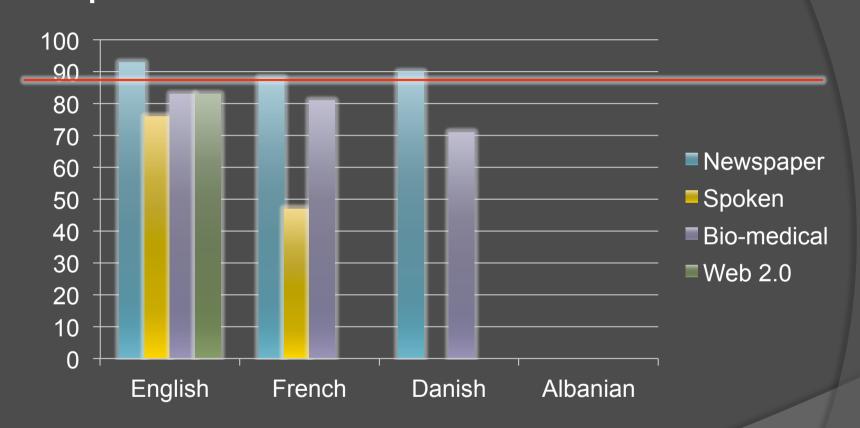
Anonymous: "There are two kinds of language; Wall Street Journal, and the other kind."



Language ressources

Language use

Out-of-domain performance drops



What's the problem?

Languages



Domains



Group differences



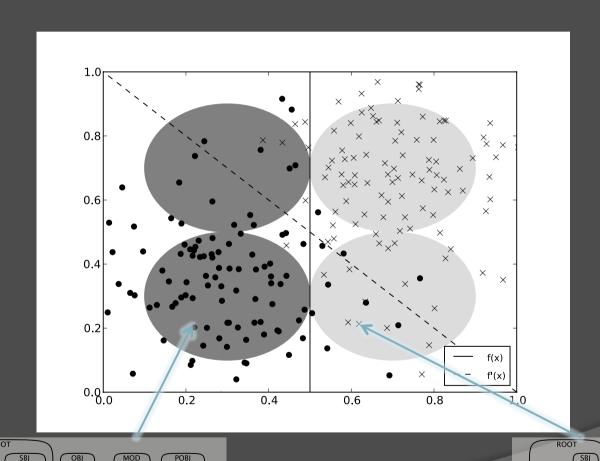
Language change



- Annotation rate: ~40
 words/hour. Entire
 treebank: ~5 years.
- It is not feasible to construct linguistic resources for all use cases.
- We need to learn how to adapt parsers across languages and domains.

Supervised parsing, estimated cost: 6,909 * ∞ * α * β * 5PY ~ Expensive

PP-attachment Importance weighting



-Root-

airport

Raising the bar

Adapting to the unknown

