

Introduction

CSCI 394: Computational Linguistics

CSCI 394

August 29, 2013

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reupholstering couch - Google Search - Mozilla Firefox

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About 110,000 results (0.15 seconds)

Ads related to reupholstering couch

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Furniture Reupholstery - weberfurniture.com
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Craftsmen at Weber recover & repair your **sofas** and chairs. Since 1950.

How to Reupholster a Couch: 12 Steps (with Pictures) - wikiHow
www.wikihow.com/... Furniture and Cabinets Couches and Sofas

How to Reupholster a Couch. Re-upholstering furniture is a great way to personalize mass-produced furniture, or furniture whose upholstery has seen better ...

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Which Taft family politicians were not from ohio - Google Search - Mozilla Firefox

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About 2,130,000 results (0.58 seconds)

Taft family - Wikipedia, the free encyclopedia
en.wikipedia.org/wiki/Taft_family ▾
The **Taft family** of the United States hails from Cincinnati, **Ohio**, with historic ... The Tafts **were** very prominently represented as soldiers in the Revolutionary War, He is **not** a **political** figure; he is only included because his daughter, Emily Taft ...

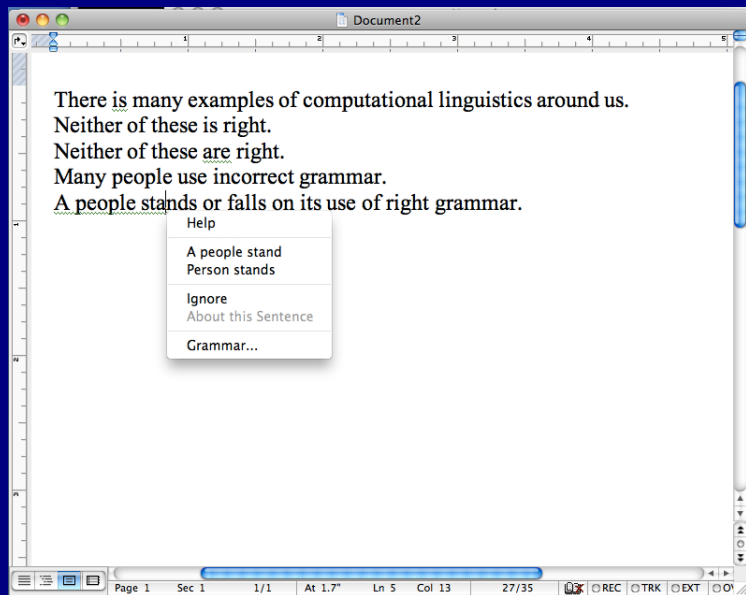
William Howard Taft - Wikipedia, the free encyclopedia
en.wikipedia.org/wiki/William_Howard_Taft ▾
William Howard Taft was born into the powerful **Taft family** September 15, 1857, ... After admission to the **Ohio** bar, Taft was appointed Assistant Prosecutor of Hamilton ... Of Taft's appointment, Roosevelt said, "If only there **were** three of you; I could ... It did **not** take long for Taft's markedly different style, and lack of **political** ...

The Political Graveyard: Taft family of Ohio
politicalgraveyard.com/families/10334.html ▾
... **are** the result of a computer algorithm working with the data I have, **not** the choices of any historian or genealogist. ... **Political** family: **Taft family of Ohio**.

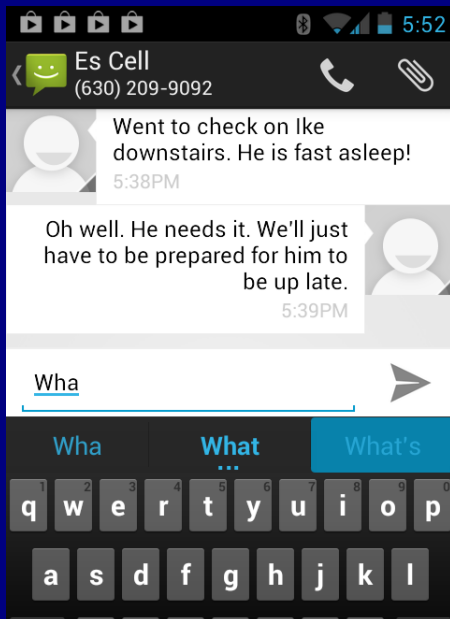
Emerging scandals put Taft family's reputation in peril - Toledo Blade
www.toledoblade.com/News/State ▾
by Steve Eder - in 59 Google+ circles
Jun 26, 2005 - Robert A. Taft, right, **are** captured in a 1918 photo of the family. ... "One would have said if he was **not** a good governor from the point ... "It



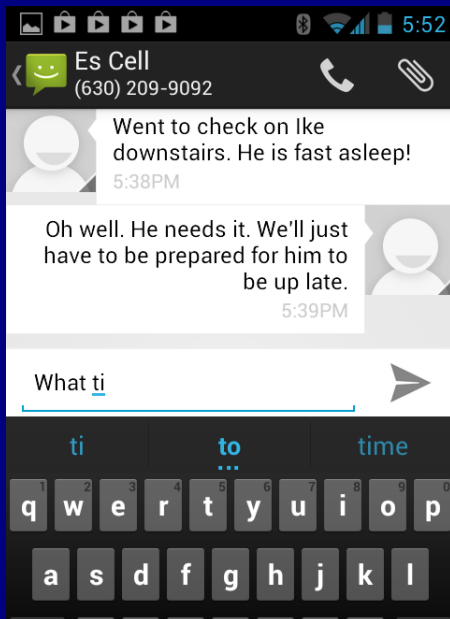
Grammar checking in Word



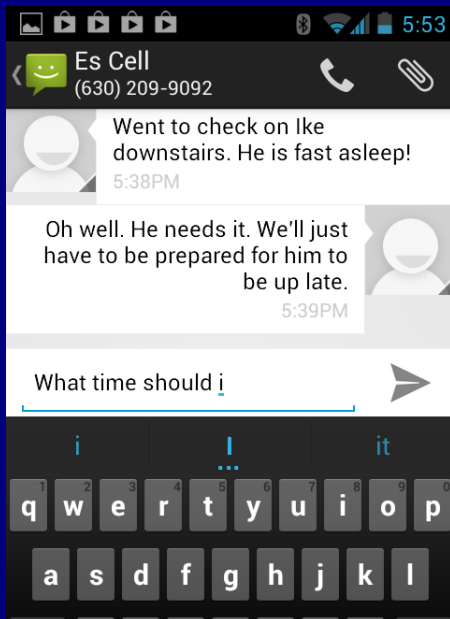
Text completion



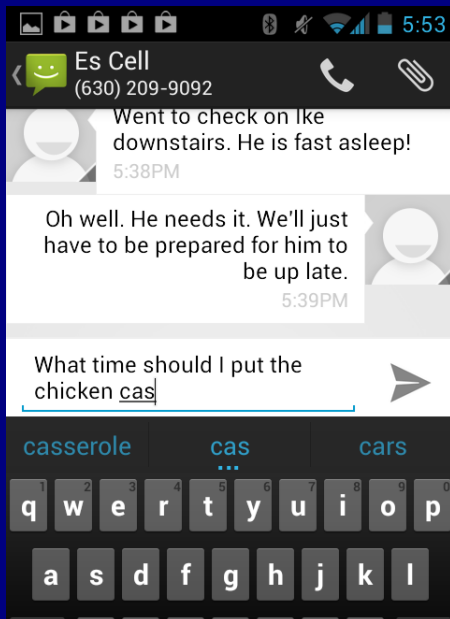
Text completion



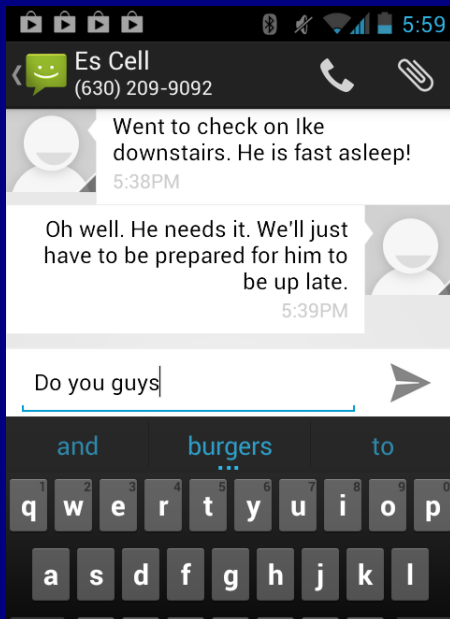
Text completion



Text completion



Text completion



IBM Watson



Source: CNN.com

Apple Siri



Source: apple.com

IDEAS MARKET

WEEK IN WORDS: ERIN MCKEAN



A field guide to unusual words in this week's Wall Street Journal.

Tasty Butterfly

papalo

In the summer, she chops papalo up for homemade salsas and says it tastes like "cilantro on steroids."

—"Beyond Basic Herbs: Lesser-Known Greens Get Trendy," Personal Journal, May 1

Papalo comes from the word for "butterfly" in Nahuatl, the language of the Nahua people, many of whom live in central Mexico. It's also known as summer cilantro and Bolivian coriander (although botanically, it's unrelated to coriander).

A Cousin of Dozen

duodecad

The Hill reports that the duodecad... last week introduced a resolution blaming global warming for "drought and reduced agricultural output," which they claim "can be particularly harmful for women."

SENTIMENT TRACKER: A COMPUTATIONAL ANALYSIS OF THE CONVERSATION ON SOCIAL NETWORKS

THE ORACLE OF CYBERSPACE?

The online buzz about Warren Buffett joining Twitter.

Out of 3,400 posts

39%

EXCITED

'You are a wonderful human being, Warren. Thank you for all you have done for the world. And welcome to Twitter!'

'Nice to have the "Oracle of Omaha" on Twitter. Looking forward to his insight.'

'You are a hero to me! So glad you set up an account.'



FIRST TWEET:
'@Warren Buffett: Warren is in the house.'

Associated Press

1% DON'T CARE

'Following the richest man on Twitter won't help you get rich, people.'

'I guess people are starved for insight.'

57%

AMAZED AT NUMBER OF FOLLOWERS

'Warren Buffett is racking up followers faster than you can shake a fist full of money.'

'Every time I refresh Buffett's profile, he's gained 200 followers. Wow.'

'His Twitter following is growing as fast as his bank account.'

3%

JOKES

'What's next? The Pope joins Pinterest?'

'Justin Bieber still has more followers.'

'I already feel wealthier and more intelligent.'

'Now he can mess with the stock market in real time.'

'The average net worth of Twitter users just jumped.'

Machine translation

Translation Party - Mozilla Firefox

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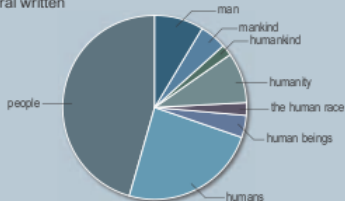
translationparty.com/#11008478 nitk babelize

| | |
|--|--------------------|
| No more fruit until you finish your hot dog. | let's go! |
| ないより多くの果物は、ホットドッグが完了するまで。 | into Japanese |
| No more fruit to complete hot dog. | back into English |
| 完全なホットドッグをないより多くのフルーツ。 | back into Japanese |
| Perfect hot dogs no more fruit. | back into English |
| 完璧なホットドッグ以上フルーツします。 | back into Japanese |
| Perfect hot dogs over the fruit. | back into English |
| フルーツ上の完璧なホットドッグ。 | back into Japanese |
| Perfect hot dogs on the fruit. | back into English |
| 果実に完璧なホットドッグ。 | back into Japanese |
| The hot dog is the perfect fruit. | back into English |
| ホットドッグは、完璧なフルーツです。 | back into Japanese |
| Hot dog is the perfect fruit. | back into English |
| ホットドッグは、完璧なフルーツです。 | back into Japanese |
| Hot dog is the perfect fruit. | back into English |

NIV revision

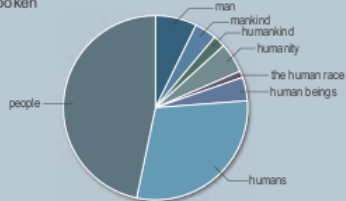
Mankind, man and synonyms in (2005-2009)

General written



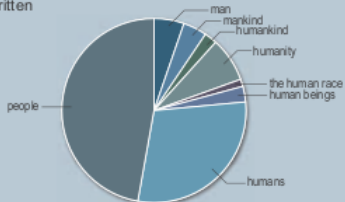
Mankind, man and synonyms in (2005-2009)

US spoken



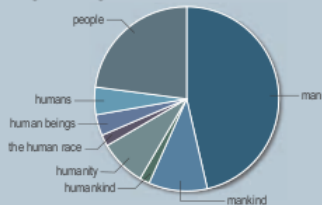
Mankind, man and synonyms in (2005-2009)

US written



Mankind, man and synonyms in (2005-2009)

Evangelical English



Source: Collins Dictionaries, "The Development and Use of Gender Language in Contemporary English"

Tokens, types, and lemmas

I rose to saw off the still rose that I saw still grew near the still.

16 tokens.

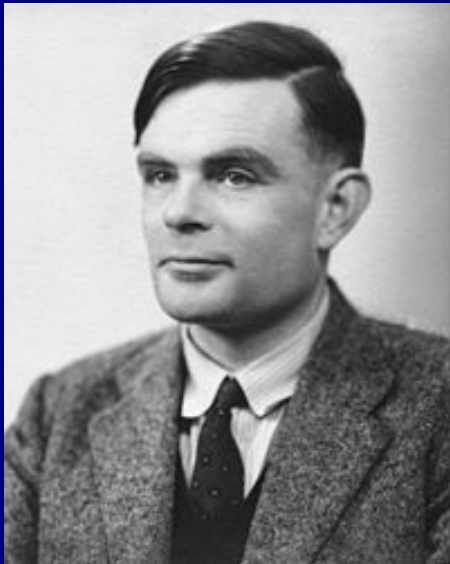
Types occurring once: to, off, that, grew, near.

Types occurring twice: I, rose, saw, the.

Type occurring three times: still

Distinct lemmas: I, rise, to, saw (verb-cut), off, the, still (verb), rose (noun), that, see, still (adverb), grow, near, still (noun).

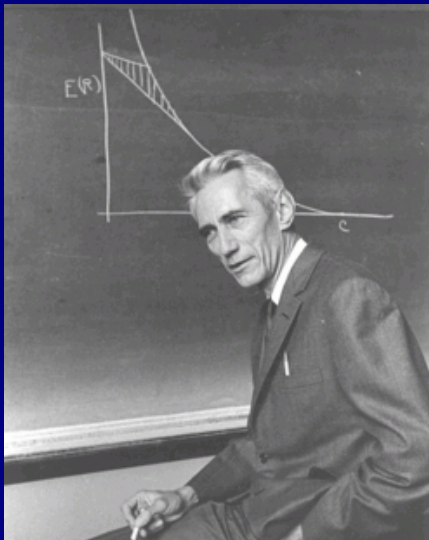
Alan Turing, 1912–1954



Source: Wikipedia

- World War II cryptanalysis
- Theory of computation (abstract machines deciding languages)
- The Turing test of machine intelligence

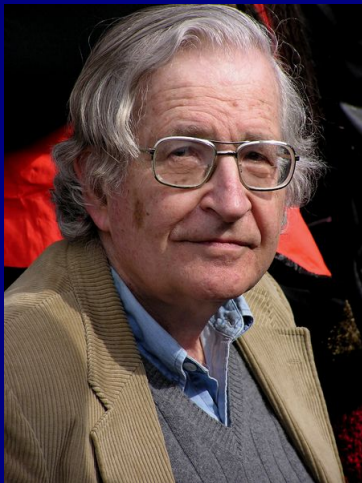
Claude Shannon, 1916–2001



Source: nyu.edu

- World War II cryptanalysis
- Information theory
- Noisy channel model
- Entropy

Noam Chomsky, 1928–



Source: Wikipedia (Duncan Rawlinson)

- Formal linguistics
- Phrase-structural, generative grammars
- Context-free grammars
- Language heirarchy

Joseph Weizenbaum, 1923–2008



Source: [mit.edu](https://www.mit.edu)

- ELIZA conversational agent
- Social and ethical consequences of technology