



Impulsreferat: Visualization

Chris Culy

Arbeitstreffen: Netzwerk Lexicographie
IDS Mannheim
21 November 2013

Original at: <http://www.sfs.uni-tuebingen.de/~cculy/presentations/NetzwerkLexicographie2013/index.html>

General questions

- What are the data (types)?
 - e.g. words, lemmas, POS, definitions, notes, examples, date, frequencies, ...
- Who is using the visualization?
 - General public vs. linguists vs. specialists
- What are those people trying to do?
- What kinds of visualizations are relevant?





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More technical questions

- Web-based vs. desktop (⇒ language, tools)
- What kind of user technology needs to be supported?
 - e.g. older browsers, no javascript, etc.
 - e.g. touch devices, smartphones, etc.
- Accessibility and colorblindness





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More challenging questions

- When are visualizations appropriate and when is text better?





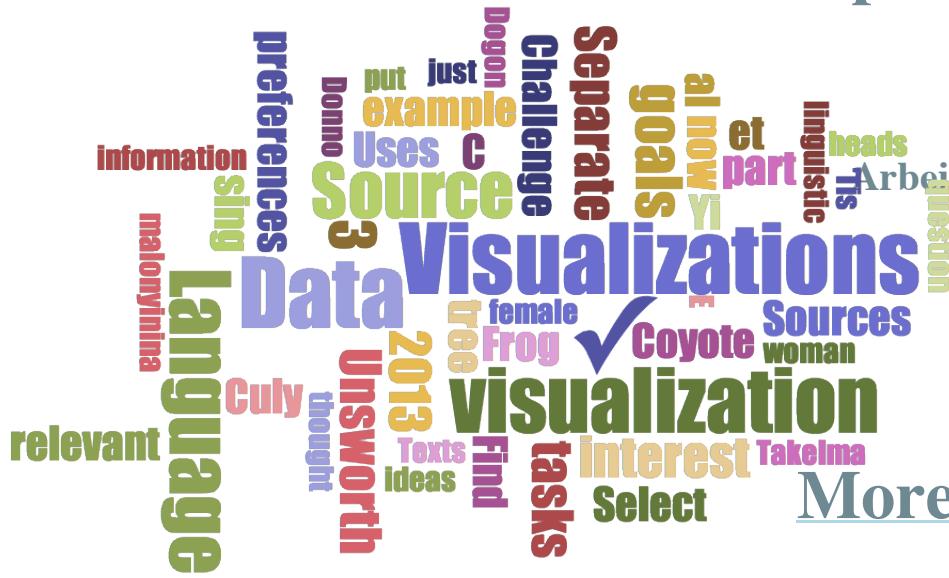
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More challenging questions

- When are visualizations appropriate and when is text (or a table) better?
- Flashy vs. substantive

Sources: [Word Cloud](#) by Jason Davies

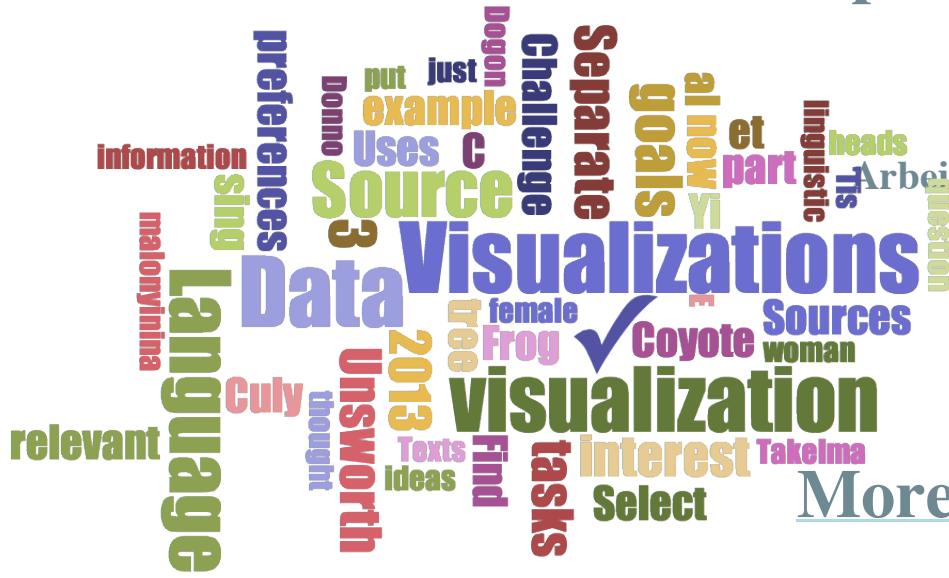




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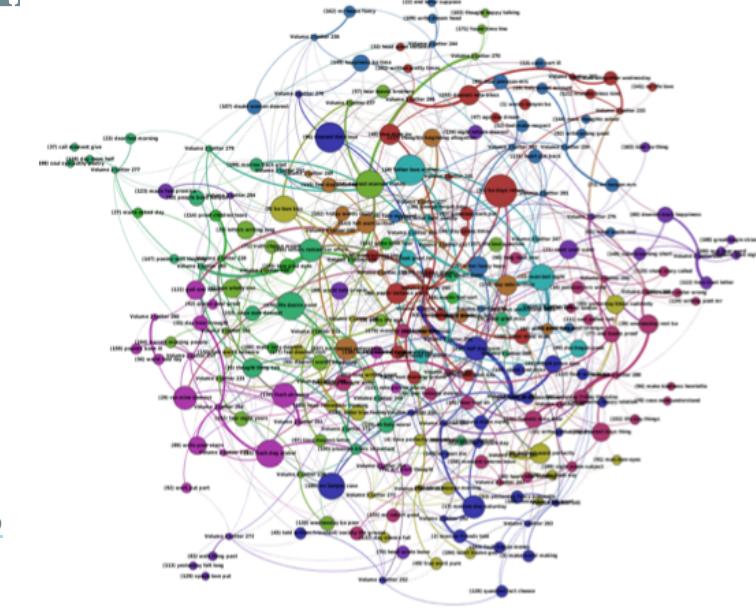
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More challenging questions

- When are visualizations appropriate and when is text (or a table) better?
- Flashy vs. substantive
- How to help the user

Sources: [Word Cloud](#) by Jason Davies,
B.A. thesis by Arp-Leonhard Roller, 2013/4 Seminar für Sprachwissenschaft, Universität Tübingen





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And finally ...

Are visualizations worth the time/effort/expense?

(there is a learning curve for users)

