

DYLEN Visualization Creativity Workshop

Austrian Centre for Digital Humanities and Cultural Heritage
Austrian Academy of Sciences

Agenda

- Introduction
- Wishful Thinking
- Break
- Visualization Analogies
- Storyboarding

Creativity Workshops

- We want to gain insights into:
 - ◆ What would you like to do with the given data in this project?
 - ◆ How can visualization help achieving these goals?
- Understanding the goals and wishes of the researches help us to:
 - ◆ Accelerate the early stages of development
 - ◆ Identify the requirements of the tool

Guidelines

- Please mute your mobile devices
- Openly share your opinion - all ideas are valid!
- Think about possibilities - not implementation.
- **Be creative!**

Introduction

Let's have a round of personal introduction:

- Name
- Job / Affiliation
- What topics do you currently focus on?
- What did you want to be when you were a child? Why?

Wishful Thinking

Let's do some individual brainstorming:

→ What would you like **to know?**

→ What would you like **to be able to do?**

Wishful Thinking

Let's do some group brainstorming:

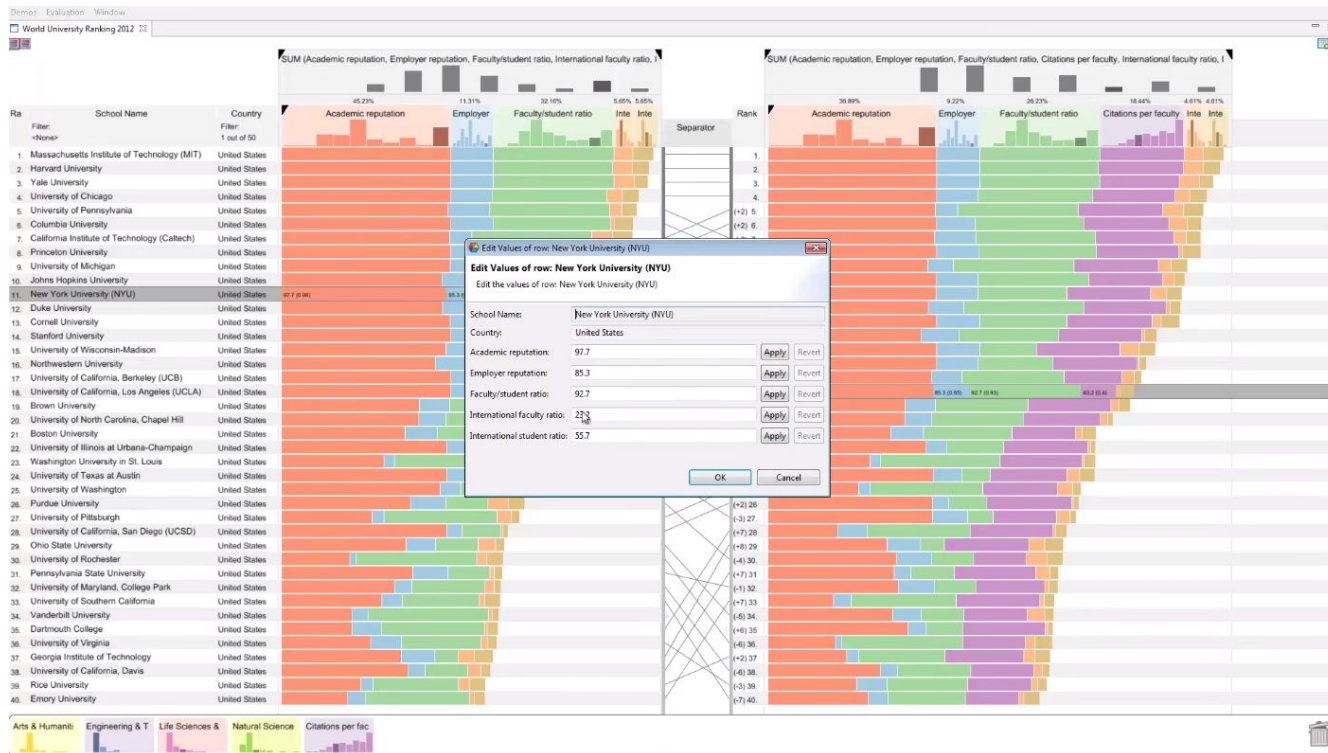
→ How would you like **to see that?**



Break



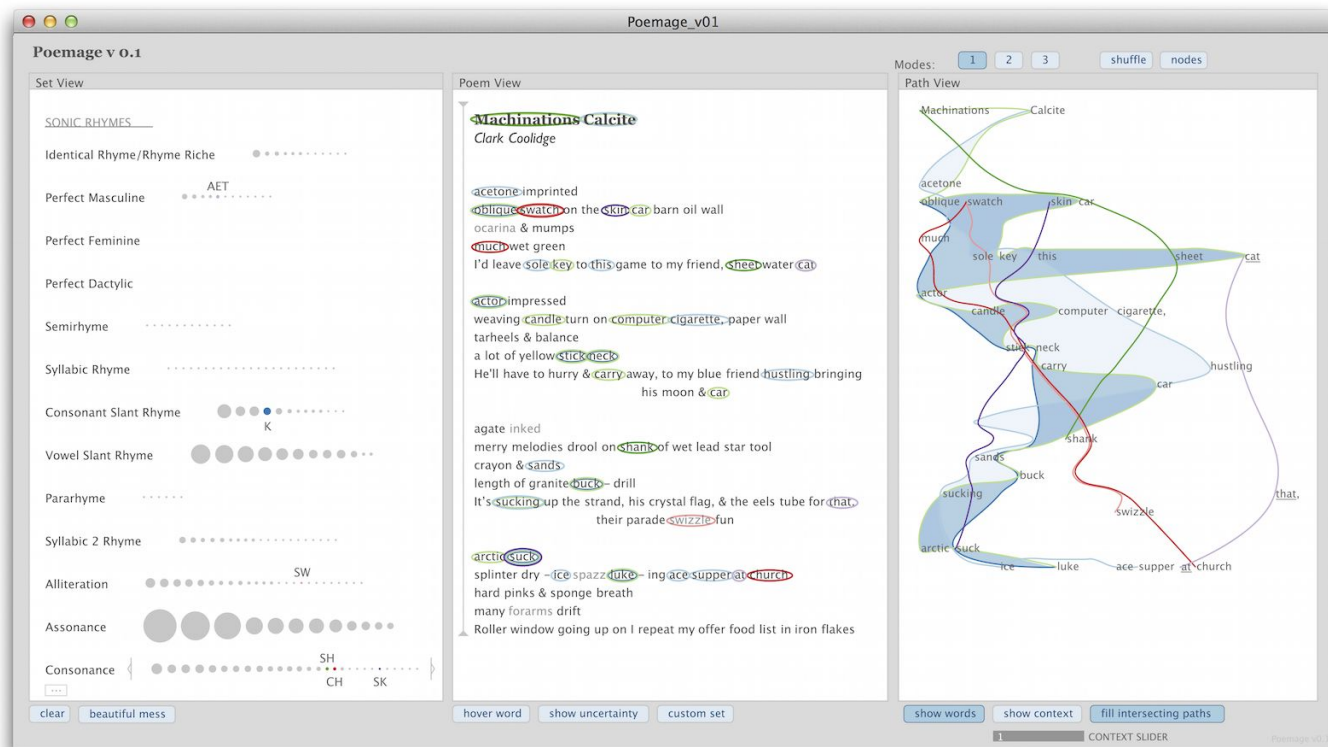
Visualization Analogies



Gratz, Samuel & Lex, Alexander & Gehlenborg, Nils & Pfister, Hanspeter & Streit, Marc. (2013). LineUp: Visual Analysis of Multi-Attribute Rankings. IEEE transactions on visualization and computer graphics. 19. 2277-86. 10.1109/TVCG.2013.173.

Link: <https://caleydo.org/tools/lineup/>

Visualization Analogies

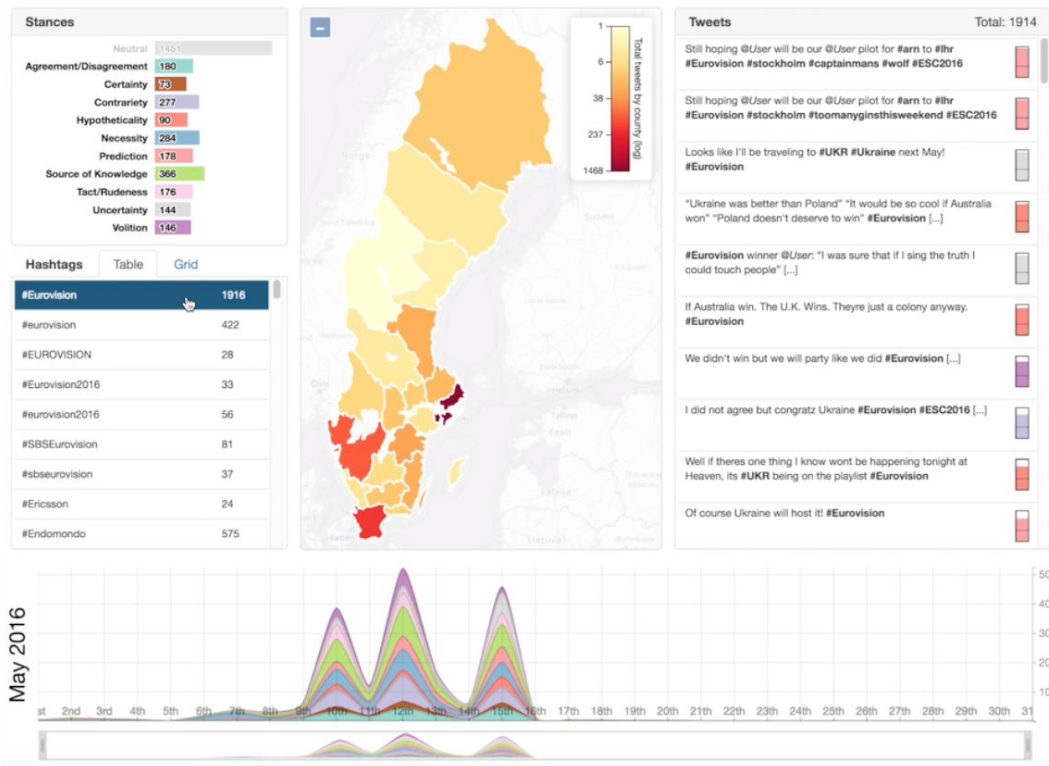


N. McCurdy, J. Lein, K. Coles, M. Meyer. Poemage: Visualizing the Sonic Topology of a Poem. IEEE Transactions on Visualization and Computer Graphics (Proceedings of InfoVis 2015), pages 439-448, January 2016.

Link: <http://www.sci.utah.edu/~nmccurdy/Poemage/>

Visualization Analogies

StanceXplore



Martins, R. M., Simaki, V., Kucher, K., Paradis, C., & Kerren, A. (2017). StanceXplore: Visualization for the Interactive Exploration of Stance in Social Media. Paper presented at 2nd Workshop on Visualization for the Digital Humanities, Phoenix, United States.

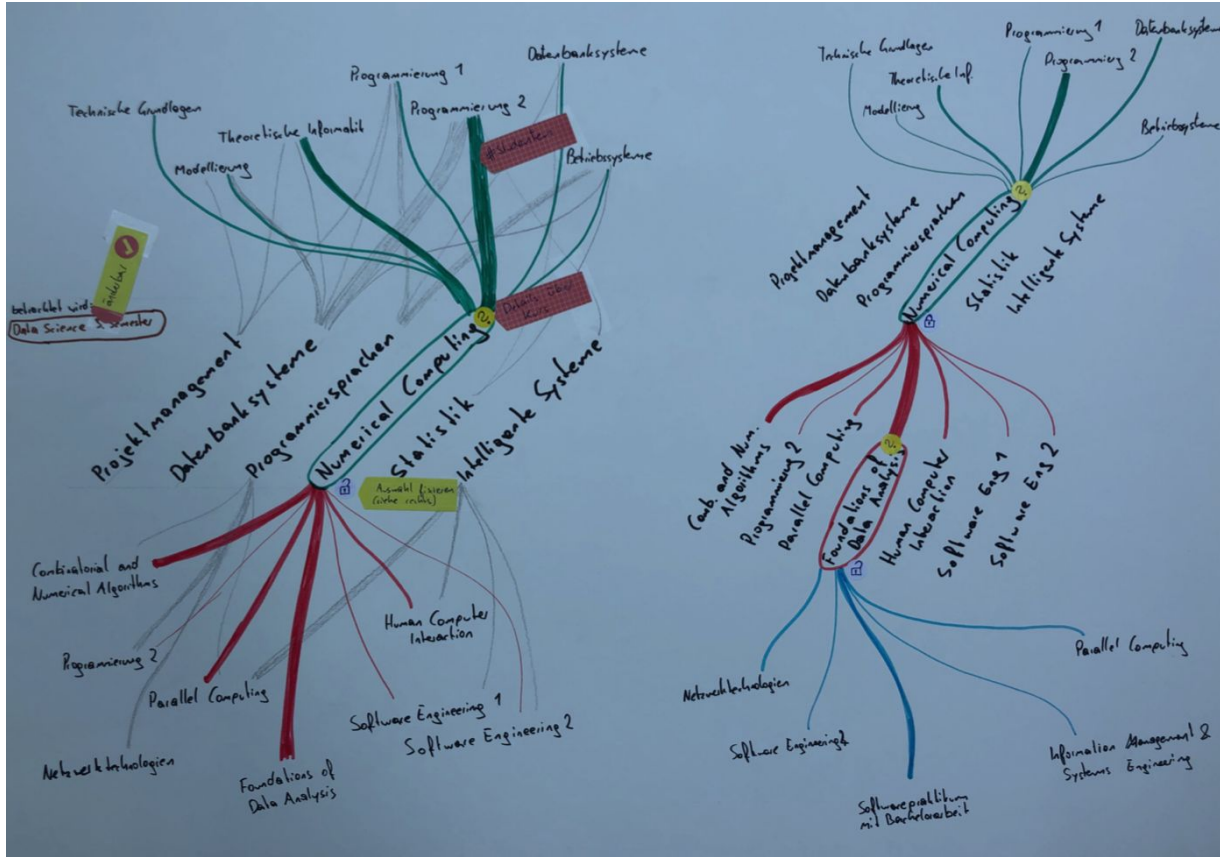
Link: <http://vis4dh.dbvis.de/papers/2017/StanceXplore%20Visualization%20for%20the%20Interactive%20Exploration%20of%20Stance%20in%20Social%20Media.pdf>

Storyboarding

Let's work in groups to create storyboards:

- „How could a visualization of the data look like?“
- Focus on **sketching your ideas** - not pretty drawings.
- Communicate your ideas and bring them onto paper.

Example Storyboard





Thank you for your participation!