

Information Visualization Tutorial WS 2009/2010
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Task 1 - Literature

Read T. Munzner: "*A Nested Model for Visualization Design and Evaluation*" (InfoVis 2009).
(<http://www.cs.ubc.ca/labs/imager/tr/2009/NestedModel/NestedModel.pdf>)

Focus on using the proposed model for designing InfoVis applications (and less on evaluating them). Think about (important) areas that this model does not encompass. We will discuss this in the next session.

Task 2 - ManyEyes

Go to IBM's ManyEyes (<http://manyeyes.alphaworks.ibm.com/manyeyes/>).

- Find one data set and visualization that fascinate you. Answer the questions:
 - What data is visualized in what way and what is the user able to learn from that visualization?
 - What tasks cannot be fulfilled with this visualization?
 - Create an alternative visualization in ManyEyes for the dataset that allows the user to do that (add an URL to your solution).

Task 3 - The end of privacy

Even regular people leave enormous amounts of activity traces online. Our first brainstorming on weblogs + social networks is only the beginning. Life-tracking describes a new trend to document the minutiae of life to learn about oneself.

- Read the Wired article "Know Thyself: Tracking Every Facet of Life, from Sleep to Mood to Pain, 24/7/365"

(http://www.wired.com/medtech/health/magazine/17-07/lbnp_knowthyself)

- Find at least five web services that allow tracking some aspect of one's life.

Write a short summary of what each of these services does, how much work it is for the user and if the data is accessible in some way (an API, for example).

Send an email with your solutions to dominikus.baur@ifi.lmu.de until 11.11.2009.