

Information Visualization Tutorial WS 2009/2010  
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### Task 0 - Document your last project

a) If the system you built for the last couple of task is not running yet, finish it!  
b) Have a look at the webpage in the Medieninformatik wiki (<https://wiki.medien.ifi.lmu.de/Main/InfoVisLifeTracking>). If you haven't done so already, create a page for your project (Remember the prefix "IV" for your name. "LifeLines" => "IVLifeLines"). Describe the idea behind your project, used data sets, user tasks that can be fulfilled using the tool, design decisions, implementation and interaction. Room for future improvements is also interesting. Don't forget to mention libraries and other pre-existing code that you used and upload your own source code (so others can build on that). If you built a web app and have a server at your disposal, provide a live demo. Thank you!

### Task 1 - Literature

Read Munzner: "*Process and pitfalls in writing information visualization papers*" (LNCS Information Visualization: Human-Centered Issues and Perspectives 2008 )  
(<http://www.cs.ubc.ca/labs/imager/tr/2008/pitfalls/pitfalls.pdf> )

Think of the various pitfalls the authors describes when choosing your InfoVis project for the rest of the semester. We will discuss the paper in the next session.

### Task 2 - Pick a project

- a) Pick a partner if you don't want to do your project alone.  
b) Brainstorm on possible topics. Please make sure that your project fulfills the following requirements:
- The overall topic is Information Visualization and the dataset has something to do with lifetracking.
  - The underlying idea is something new and is not available on the web or in any scientific publication (that you know of). In other words: Your work represents a scientific contribution to the field of InfoVis.
  - Your work is somehow *generalizable*, i.e., you can say what your contribution is in a general sense without your concrete dataset. As an example: You want to build a visualization of a listening history with thousands of songs that might show up more than once. You find a way to make these repetitive patterns (e.g., albums) visible. A generalized version of this project would describe your technique as a way to visualize repeating sequences in lists (which would then be applicable to DNA, words in emails, etc)

If you have problems finding a topic send me an email.

c) Create a new wiki-page for your project on the InfoVisLifeTracking page (see above) under the section "Semester projects". Use the "IV" prefix for its name. Write an abstract with a maximum of 300 words for your project. Upload it as soon as possible to allow for discussion in the wiki. If you're not sure how to write a good abstract, read this essay:

<http://www.ece.cmu.edu/~koopman/essays/abstract.html>

d) Have a look at the other abstracts and comment on them on their respective project pages.

e) Be ready to present your topic in the next session (prepare slides if you like).

Also: If you know that the schedule that was presented in the last session won't work for you, adapt it accordingly!