FTK
Department of Computer Science

Linnæus University

Course Assignments
for

Applied Information Visualization
4DV301 – Spring 2014

1st assignment

Deadline for this assignment is Apr 13, 2014.

Task 1 *Visualize Data Sets*

Your first task is to visualize two datasets. You can download them from Moodle in the assignments section:

Dataset A: https://mymoodle.lnu.se/mod/resource/view.php?id=318616

Dataset B: https://mymoodle.lnu.se/mod/resource/view.php?id=318619

(1) You should start with the smaller *Dataset A*. Take a look at the data, find out what the data is about, and visualize it with the help of a treemap. (2) *Dataset B* has more attributes – think of a good way to visualize the complete data set and implement this. (3) In addition you should discuss what interaction possibilities would make sense.

You can use any tool or library of your choice to visualize the data sets (D3.js for instance, http://d3js.org).

Prepare a short presentation (5-10 minutes). You will have to present your solution after the deadline.

You should upload all files as well as a readme.txt file. Explain how to run your visualizations including the interaction discussion. The readme.txt file should have a short description of the most important components of your implementation. Include all your assignment files in a *zip archive* and upload the archive to Moodle by the given deadline!
If you have questions about the assignment contact Björn Zimmer[1].

Note: Include the course code in the email subject field (4DV301) in case you have inquiries about the assignment.

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