Course Assignments
for

Applied Information Visualization
4DV801 – Spring 2017
Assignment 1
Deadline for this assignment is Apr 3, 2017 at 23:55.

Task 1 *Visualize Data Sets*

Your first task is to visualize two data sets. Note that you are not allowed to modify the format or the contents of the provided data set files! You can download them from Moodle or via the following URLs:

Dataset A: http://cs.lnu.se/isovis/courses/spring17/4dv801/assignments/DisastersScale.json

Dataset B: http://cs.lnu.se/isovis/courses/spring17/4dv801/assignments/BillionDollars.json

(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, based on the available attributes in the data set.

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.

Please prepare a ZIP archive with your implementation and report (PDF) and upload it to Moodle by the given deadline! If you have questions, you can contact Kostiantyn Kucher via email (kostiantyn.kucher@lnu.se). You will have to present your work on Apr 4, 15:00-16:00, room B3032V. Please note: any kind of plagiarism is not acceptable!