



Course Assignments  
for  
Applied Information Visualization  
4DV301 – Spring 2013  
1st assignment  
Deadline for this assignment is Apr 14, 2013.

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**Task 1** *Implement a Treemap Visualization*

Your first task is to implement a Treemap visualization of your hard drive (or a subfolder), i.e., a visualization of the hierarchical directory structure including files. The size of the nodes should represent the size of the files/directories, and file types should be color-coded. Prepare a short presentation (5-10 minutes) of the implementation, you will have to present your solution after the deadline.

You should send the source code and an executable file, as well as a readme.txt file explaining how to run the tool. The file should have a short description of the most important classes and methods of your implementation.

You are not allowed to use any kind of ready made libraries to draw your Treemap. You can choose any variation of the algorithm, except the slice-and-dice version. Implement your solution in Java. No other programming language is allowed.

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Please, include all your assignment files in a *zip archive* and upload the archive to Blackboard by the given deadline!

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