Readings 5

Patrick Jonk

1.   The fact that the third dimension can not be seen directly, does not mean it does not have value in a visualisation. Just like in the real world, we can get information of this dimension through perception. Our brain is trained to recognize clues that suggest depth.
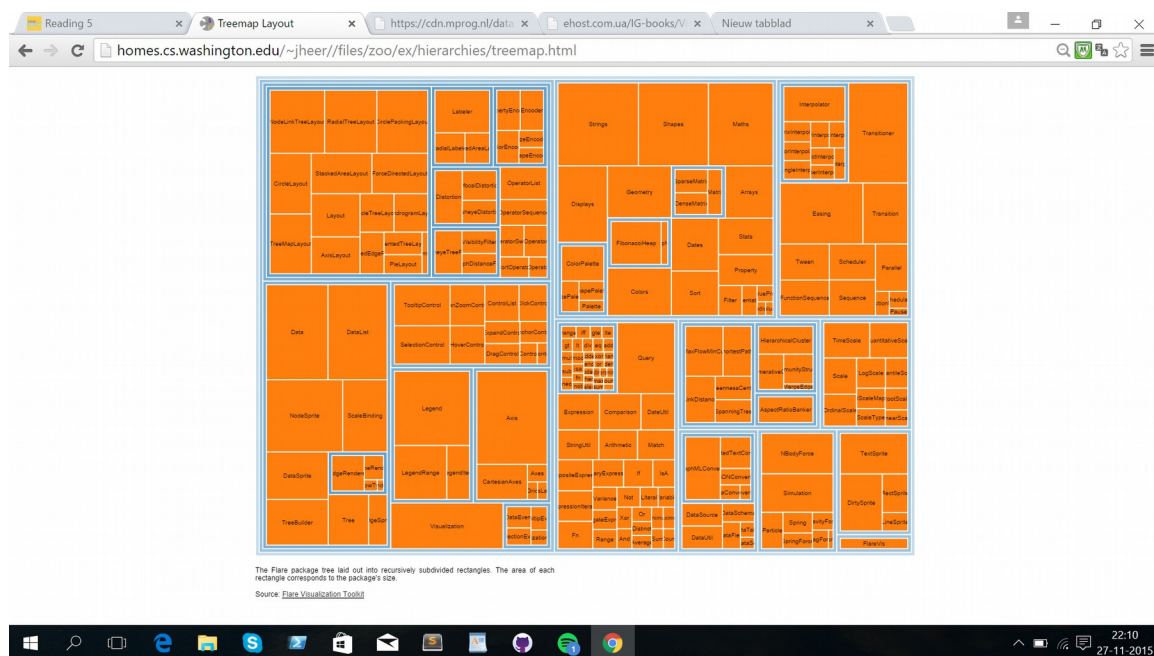
In other words, without the third dimension you don't have the 2,5th dimension.

2.   http://www.tui.nl/?utm_content=branded&gclid=CKLg_IHGsckCFQLkwgodTJkBGw

This company that sells vacations uses gist and scene perception. The pictures used for different kinds of vacations are recognized instantly by the brain. This makes the website very accesible to buyers and it allready gives them the feeling as if they're on   their hoiliday.

3.   First advantage if compatibility. Tools can be reused. It is clear that reusing old parts makes work easier. Second, D3 makes debugging easier. The functioning of the tools can be discovered interactively. Although encapsulation can make a code more efficient, working in the internal structure of the tools can be confusing. Third, D3 increases performance. Interactivity and animations can be simply inplemented in D3. An example of a visualisation that's easier in D3 is week 4's assignment. D3 will probably easier to make. HTML etc. will allow for more customization and more a more efficient code.

4.

I think this the most difficult to comprehend visualisation. The main reason for this the wrong use of color. The blue linings are supposed to show which elements belong to the same parent. This is impossible to see. It would be much better to encode is data using different colors for elements af different parents.

5.   Moving the red bar will set the idex to one at the point the bar is at. This allows a person to see what's happened to the stock's prices from the perspective of a certain point in time. I think this graph could be improved by including a sliding bar or some other mechanism, that will allow you to adjust the scale on the vertical axis. If the red index bar is set at certain points in time, many of the plots will overlap, which makes it impossible to compare them. Being able to adjust the scale will make sure individual behaviour of stocks can be seen at any point in time in the graph.