Data Visualization Personal Report

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First the idea is come up by my partner Shenjun Ma, he suggest we can visualize the XML file as his own experience indicates that is hard to get a general idea about a new XML file by an easy method.

We were thinking about the classic features of a XML file. Finally we divided into two different types. I worked on the XML file which have lots of similar objects. Ma worked on the hierarchy part.

In the first week I go over all the tutorial once again to recall the methods to generate a path, tree, pack, histogram, cluster, map object/layout and remember javascript.

Next two days I did the coding to transfer the XML file into JSON file and meanwhile to retrieve the useful information out of it by modifying the existing function from D3 example.

Last two days I implement the data I get to the visualization and add the zoom-in animation. And we together write the final report.

Links: <http://mashenjun.github.io/DataVis/Pack.html>

<http://mashenjun.github.io/DataVis/Histogram.html>

Codes: --- Histogram.html

--- Pack.html