

Design process

The first idea of the project was explained previous week:

Idea:

Website where you can find info about GDP per capita of a bunch of countries, as well as info about the components that make up the calculation of said GDP (imports, exports, private consumption...). On the main page of the web there is a text explaining what GDP is, what the formula is and maybe adv/disadvantages of using it as a measure. On that same main page there are three links that lead to different webs to see a comparison of the GDP components of the different countries in 10 years (scatterplot). There is also a graph with a few lines, each representing the GDPpc of each country in the last 10yr. When clicked on a year of a country, a graph (blocks chart) appears giving each component of the GDPpc formula.

Note: use bootstrap to compose websites quickly



From then on, the design process went as follows:

- Decide on an idea: GDP to continue with data of previous homework.
- Find more reliable data around GDP, download it and transform it into JSON file using function of homework3.
- Make 'main' line chart for index web.
- Make pop-up with info for every point of chart (search on web for ideas on how to do this).
- Make other bar charts: exports, imports... Switch initial scatter plot idea for bar chart.
- Decide how to style main web: use bootstrap template.
- Try to use bootstrap, fail to connect svg and its styling properly to bootstrap, code styling from scratch. Go for 'newspaper' layout due to its simplicity (more complicated than initially thought).
- Add little details to graphs like colors, proper positioning etc.
- Last details of secondary pages: backgrounds, styling and positioning.
- Get everything to work on GitHub (longer than expected).
- Write final report.