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1. How can D3 access and change the DOM? What do select and selectAll do?

Select selects something, like a chart and is able to change it.

SelectAll selects everything and makes it an object and gives it a name, for example ‘g’.

1. What are the d and i in function(d){} and function(d, i){}?

D is for the data structure, by saying d.Maand it takes the value of the datastructure with fieldname: Maand. I is a counter, counting the amount of d’s for example.

1. Write sample lines of JavaScript to add a div element with class “barChart1” and to add an svg element with class “barChart2” with square dimensions.

var body = d3.select("body");

var div = body.append("div");

div.html(class=”barChart1”);

d3.select(".svg\_by\_d3").append("svg").attr("width","50").attr("height","50").append("barChart2");

1. Describe append, update, enter, and exit at a high level. What does “selectAll + data + enter + append” refer to?

Data stands for the dataset, to specify the dataset.

Enter stands for entering something which later can be appended

Append stands for creating something, like an axis

1. What are the main differences between drawing a bar chart with HTML and SVG?

SVG has simply more tools and is a way more powerfull thing to use for drawing

1. In drawing the simple bar chart with D3 and SVG, what elements were appended, and what parts of the graph did these elements correspond to?

Divs were appended in order to make the chart.