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Week 7 – Homework: Linked Views in D3

I choose this dataset because I study biology and I think that the awareness for threatened and extinct species is important.

I choose a red color scale for the total, because I think red in a threatening color.
I choose a brown color scale for the mammals, because I have an association with brown furs when I think of mammals.
I choose a blue color scale for the fish, because they are surrounded by blue water and often look blue as well.
I choose a green color scale for the plants, because obviously plants are often green.
I choose a purple color scale for the birds, because I looked nice with the other color scale I already had.

I choose the red highlight border also because I thought it was standing out. However, I choose to leave the highlight fill color as it is, so that the user can still compare the country that is hovered over with the rest of the countries on the map.

I choose a black background for a bright effect of all the outer colors on the page.

I choose grey as the unknown filling color, because the last time I used black, this was comment on as to notable. And I choose white as the 0 value color, because the lightest color of my color scales, would not be clear about a countries being threatened fish species (for example) free, while white is clearer in this message.

The values in the legend seem quite random, but the fact is that they precisely represent the threshold value of every quartile of the dataset.

The purpose of this visualisation is to give insight into the country with the most threatened biodiversity. This is insightful for people who would like to support a certain non-profit project to protect biodiversity in a certain country.
By clicking on a certain country the bar graph makes the distribution of the threatened species insightful divided over 4 phyla.
By clicking on a bar of the bar graph the map adjusts to the data of the corresponding phylum, this gives insight to for example someone who wants to donate protect birds and wants to know in which country he/she should look for a charity.