Design Studio Notes

https://github.com/blog/39-say-hello-to-the-network-graph-visualizer

Caleydo Network – Several years old. 2 users – one main account and the lead developer – committing frequently. Other contributors as well, but they don't have their own row, which means that they don't have unique repos compared to the other users.

d3 Network – Several years plus old. Several core users interspersed with many other users infrequently adding and connecting.

CS171 Network – One main user. Only several months old. Occasional contributors.

Attributes of all: commits, merges users, branches, size, time, descriptions (of merge/commit etc.)

You can click to change the user reference point. Right now, the graph representation is from a code perspective. A user is not on a row if code they contributed originated from someone else's repository.

Primary purpose of new viz to create in HW2: I would change the visualization to center on people who are interacting with each other, rather than a code-centric view.

One interesting design choice is figuring out who gets what repository. Right now, it seems like the user who has the longest branch longevity has "seniority" and the tiebreaker if you have to assign one branch per user on the far left (other people are listed, but you look to see who instantiated the branch in terms of who to assign it to).

But if you were not doing a chronological display like the Graph Network Visualizer, you could make the argument that the user who has contributed the most overall for repository, gets precedence. This is the "winner takes all" or "king of the hill" strategy, which can be done on a per branch basis to figure out who's the most active user on a branch, *or* on a per repo basis, where someone who is the most active on the overall repo gets assigned *all* of what they've worked on, and so forth with the second person, etc. down the line.

I opted not to implement these styles since this wasn't my defined end goal, which is to inform a manager who's collaborating with each other the most.

The two possible visualizations are included on the back of the scanned assignment sheet.