Visualizing Git Concepts with D3

This website is designed to help you understand some basic git concepts visually. This is my first attempt at using both SVG and D3. I hope it is helpful to you.

Adding/staging your files for commit will not be covered by this site. In all sandbox playgrounds on this site, just pretend that you always have files staged and ready to commit at all times. If you need a refresher on how to add or stage files for commit, please read Git Basics.

Sandboxes are split by specific git commands, listed below.

Basic Commands	`git checkout`	**Undo Commits**	**Combine Branches**	**Remote Server**	`git push`
`git commit`		`git reset`	`git merge`	`git fetch`	`git tag`
`git branch`	`git checkout -b`	`git revert`	`git rebase`	`git pull`	

Specific Examples

Below I have created some specific real-world scenarios that I feel are quite common and useful.

Restore Local Branch to State on Origin Server

Update Private Local Branch with Latest from Origin

Deleting Local Branches

Free

Playground

Zen Mode