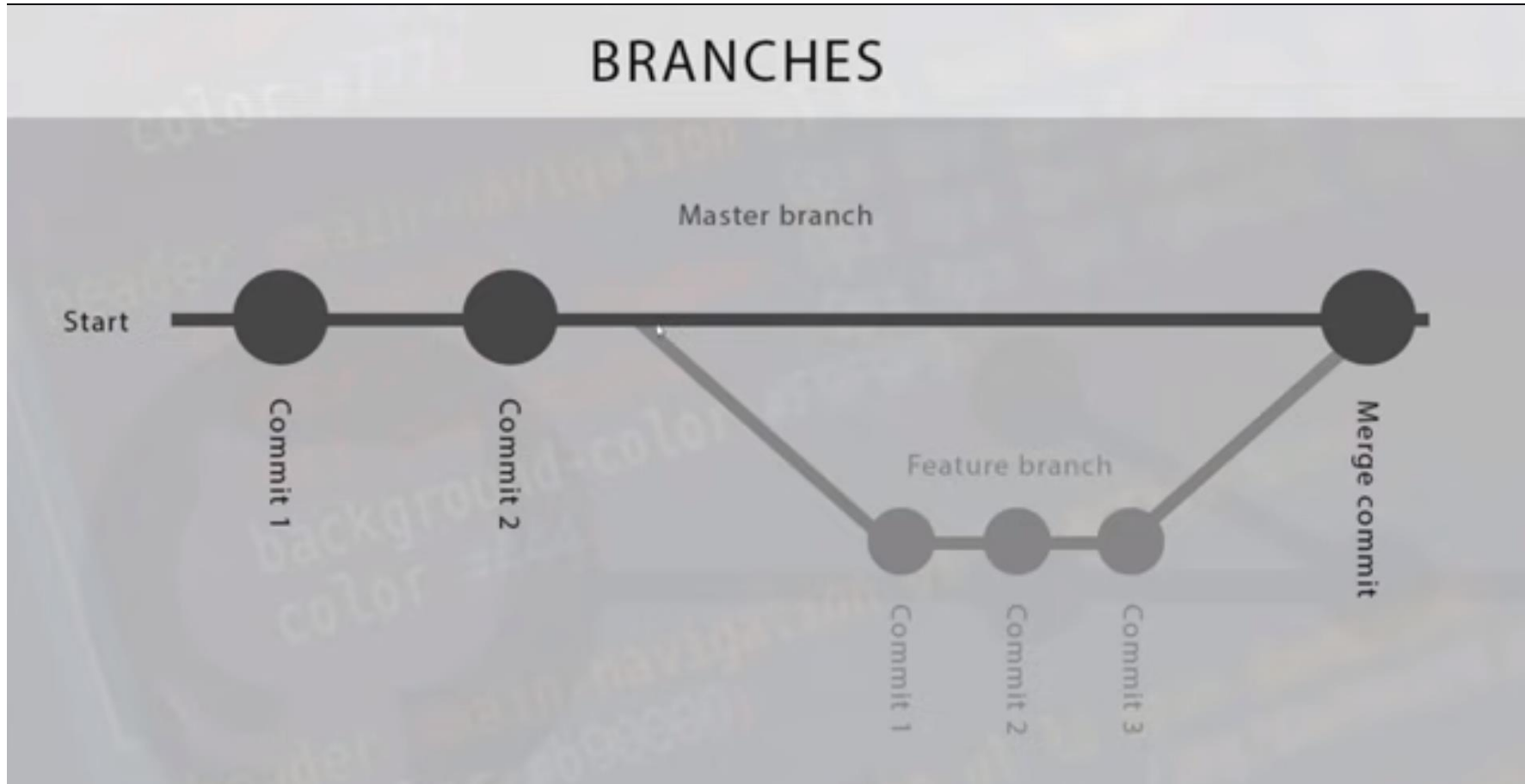# Branches

If we want to try a new feature we create a new branch to not mess the code up.

- Also if we have more than one programmer working on that project each one creates a branch and works on it independently and merges it at the end.

Commands:

- To show all branches: **git branch** or git **branch –a**

-a to show both local and remote branches.

- Create a new branch: **git branch name**
- Go to a branch: **git checkout name**
- Creation + going: **git checkout –b name**
- Delete a branch: **git branch –d name**

Error if the branch isn't merged .

To force it: **git branch –D name**

Merge branches

- For example we worked with b1 and we want to merge it into master branch:

git checkout master

git merge b1

If in b1 you added some code that doesn't effect master it'll merge normally(recursive strategy).

Sometimes you'll face a conflict , but it'll show you where is it and give you the option to choose which property to choose.