

Come back to a previous version of your scripts

= *get the HEAD (pointer to present state) to a previous commit*

= **revert** Come back to a previous version, but keep the full history

= **reset** **DANGER**

Come back to a previous version & delete the history following the version you come back to

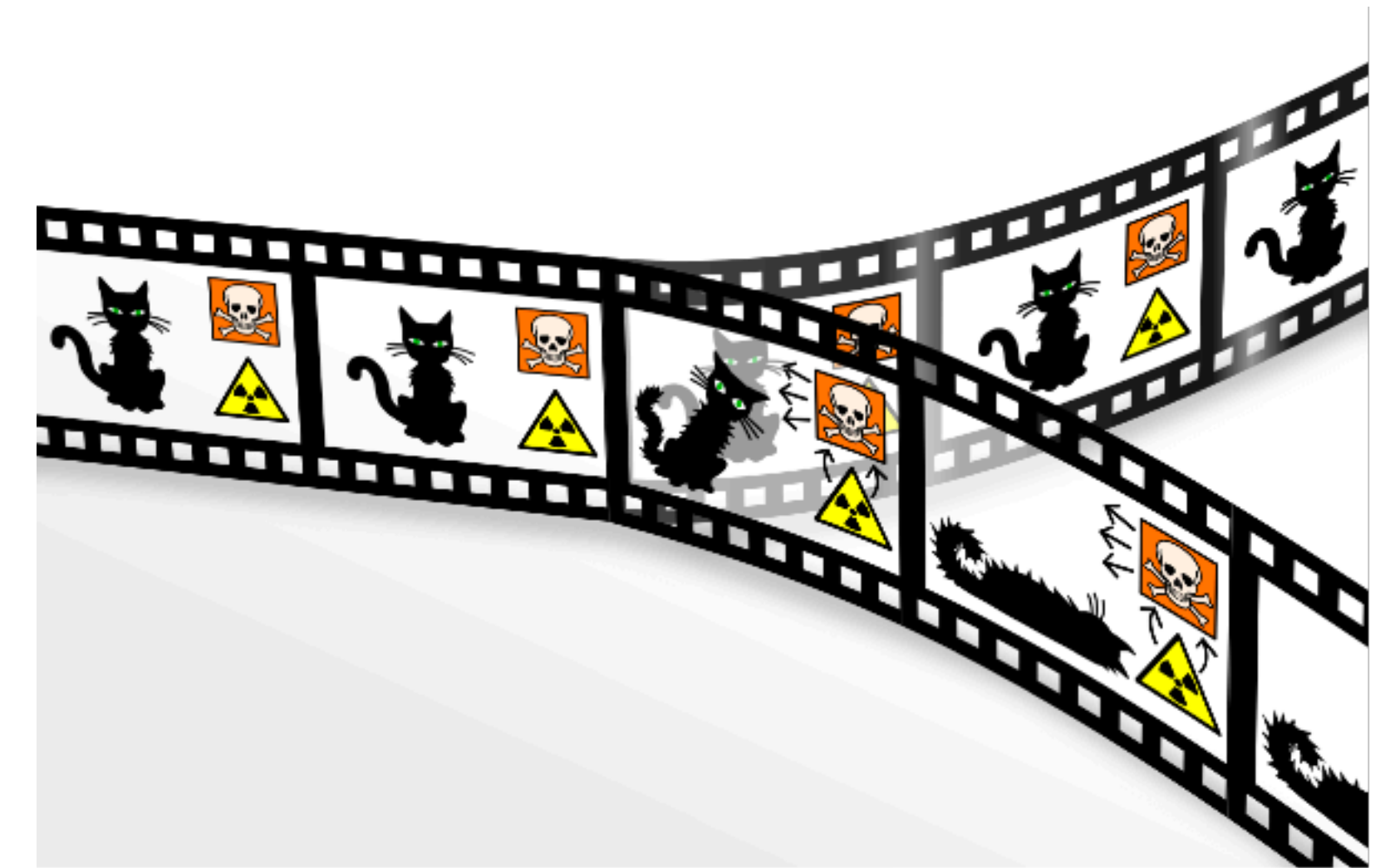
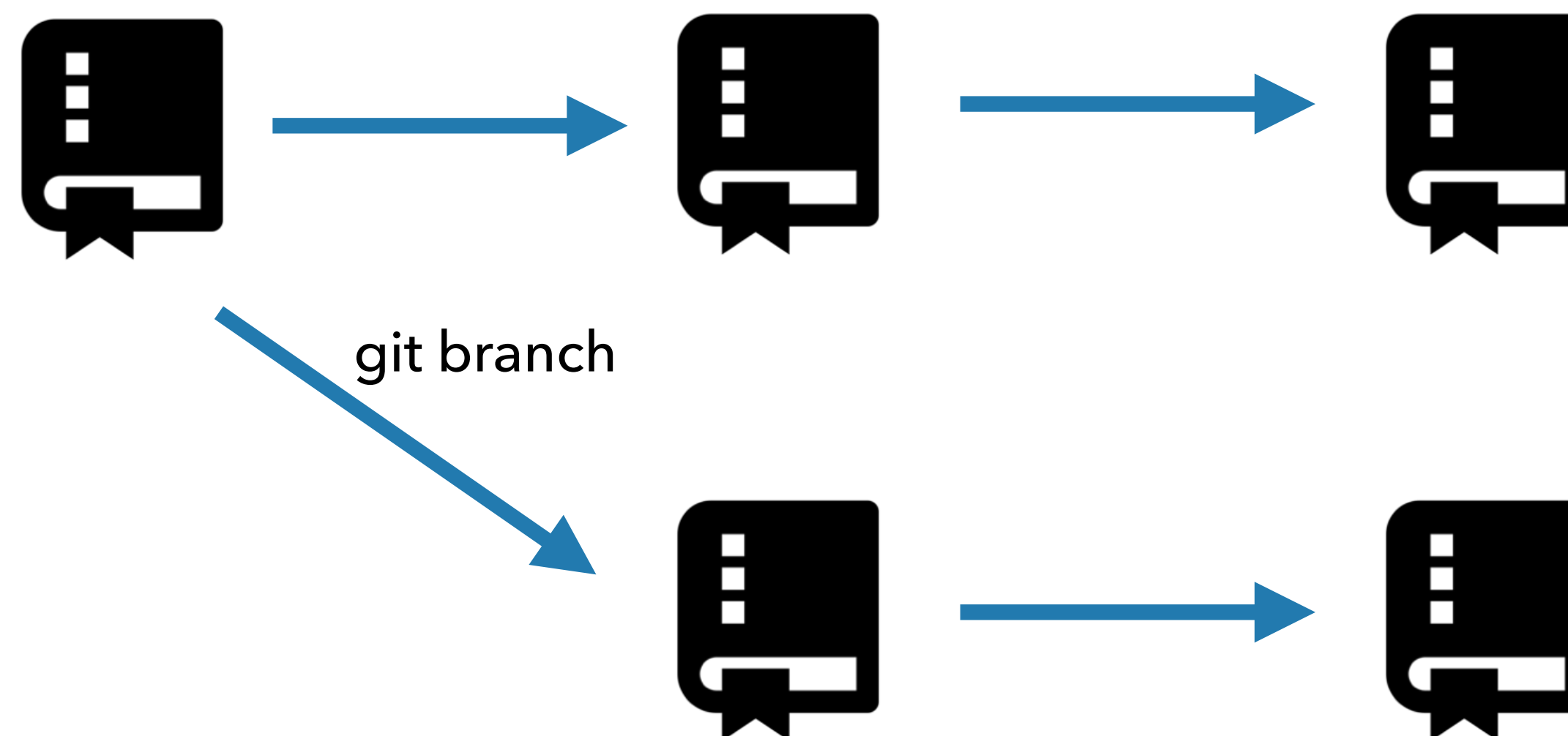


or `git revert commit_id`
`git reset commit_id`

Code new features 'on the side' = branch

= *create a copy of the git repository to code in parallel*

You don't want the new feature/analyses you are currently implementing to ruin your existing code that works well. Creating a branch allows you to create a parallel git repository to develop your new feature on the side and eventually merge them when they have been properly tested



```
git branch name_of_the_branch      create a new branch
git switch -c name_of_the_branch    move to the new branch
```