

Undoing Things Exercise

This exercise is based around the Beatles' song Yesterday, and the evolution of its lyrics over time.

- Clone the repo I've created for you, using the following command (make sure you're not already in a repo when you run it!)

```
git clone https://github.com/Colt/yesterday-exercise
```

- Change into the newly created directory. You should see a file called `lyrics.txt`
- Take a look at the commit history. You should see 8 commits on the master branch.
- Go "back in time" by checking out the very first commit. Remember, this puts you in detached HEAD. Take a look at the `lyrics.txt` file to verify things have changed. Then, leave detached HEAD by returning to the master branch.
- Go back to the commit where the original version of the lyrics was completed. The commit has the message "finish original lyrics". Create a new branch called `scrambled-eggs` based upon this commit.
- Go back to the `master` branch

- Delete everything in the `lyrics.txt` file. Save the file.
- Oh no, that was a mistake! USING A GIT COMMAND, discard the changes you made to `lyrics.txt` since the last commit. We saw a couple of ways of achieving this.
- Suddenly you get a creative itch! You want to write your own parody lyrics! Replace the contents of `lyrics.txt` with the following lyrics (from [this website](#))

```
404
Guess this ain't the page you're looking for
On this website there are thousands more
With no error 404
```

```
Suddenly
This is not the page you thought you'd see
But it's not an error 403
Yes, 404s come easily
```

- Add and commit the changes on the `master` branch

- Add this to the bottom of the `lyrics.txt` file:

Plain Text ▾

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```
Why it has to show, I don't know  
Or what it's for  
You typed something wrong?  
Here's no song - it's 404  
  
404  
Adding 1% to twenty score  
(I put that line in 'cause it scans, no more)  
"Goodbye" from error 404
```

- Add and commit the changes to the `master` branch
- After more consideration, you realize that you actually don't want the previous two commits (the 404 parody lyrics) on the master branch. You want to move them to a new branch!
- Use a git command to "undo" the prior two commits on master. Make sure you **KEEP THE CHANGES IN YOUR WORKING DIRECTORY**. Just undo the two git commits. Your `lyrics.txt` file should still contain the 404 lyrics.
- Create a new branch called 404, switch to it, and add and commit the 404 lyrics in your working directory.
- Switch back to master and make sure `lyrics.txt` contains the actual lyrics to Yesterday