

nf-core/ 

bytesize

#41

Code style linting

Phil Ewels, SciLifeLab Sweden

KEEP IN MIND THAT I'M
SELF-TAUGHT, SO MY CODE
MAY BE A LITTLE MESSY.

LEMME SEE-
I'M SURE
IT'S FINE.



...WOW.

THIS IS LIKE BEING IN
A HOUSE BUILT BY A
CHILD USING NOTHING
BUT A HATCHET AND A
PICTURE OF A HOUSE.



IT'S LIKE A SALAD RECIPE
WRITTEN BY A CORPORATE
LAWYER USING A PHONE
AUTOCORRECT THAT ONLY
KNEW EXCEL FORMULAS.



IT'S LIKE SOMEONE TOOK A
TRANSCRIPT OF A COUPLE
ARGUING AT IKEA AND MADE
RANDOM EDITS UNTIL IT
COMPILED WITHOUT ERRORS.

OKAY, I'LL READ
A STYLE GUIDE.



UGH,
I HATE
READING
YOUR CODE.

I KNOW,
I KNOW.



IT'S LIKE YOU RAN OCR ON
A PHOTO OF A SCRABBLE
BOARD FROM A GAME WHERE
JAVASCRIPT RESERVED WORDS
COUNTED FOR TRIPLE POINTS.



IT LOOKS LIKE SOMEONE
TRANSCRIBED A NAVAL WEATHER
FORECAST WHILE WOODPECKERS
HAMMERED THEIR SHIFT KEYS,
THEN RANDOMLY INDENTED IT.



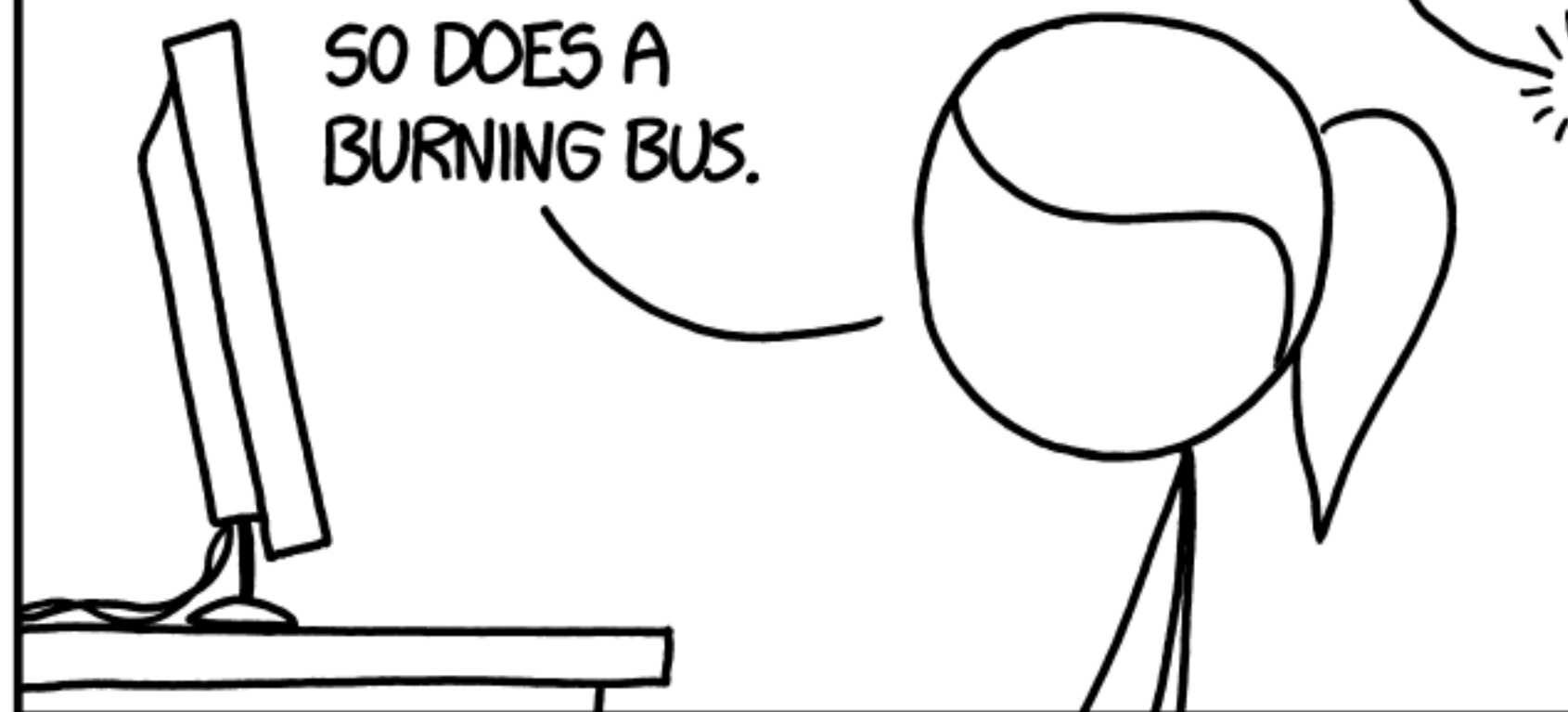
IT'S LIKE AN E E CUMMINGS
POEM WRITTEN USING ONLY
THE USERNAMES A WEBSITE
SUGGESTS WHEN THE ONE
YOU WANT IS TAKEN.

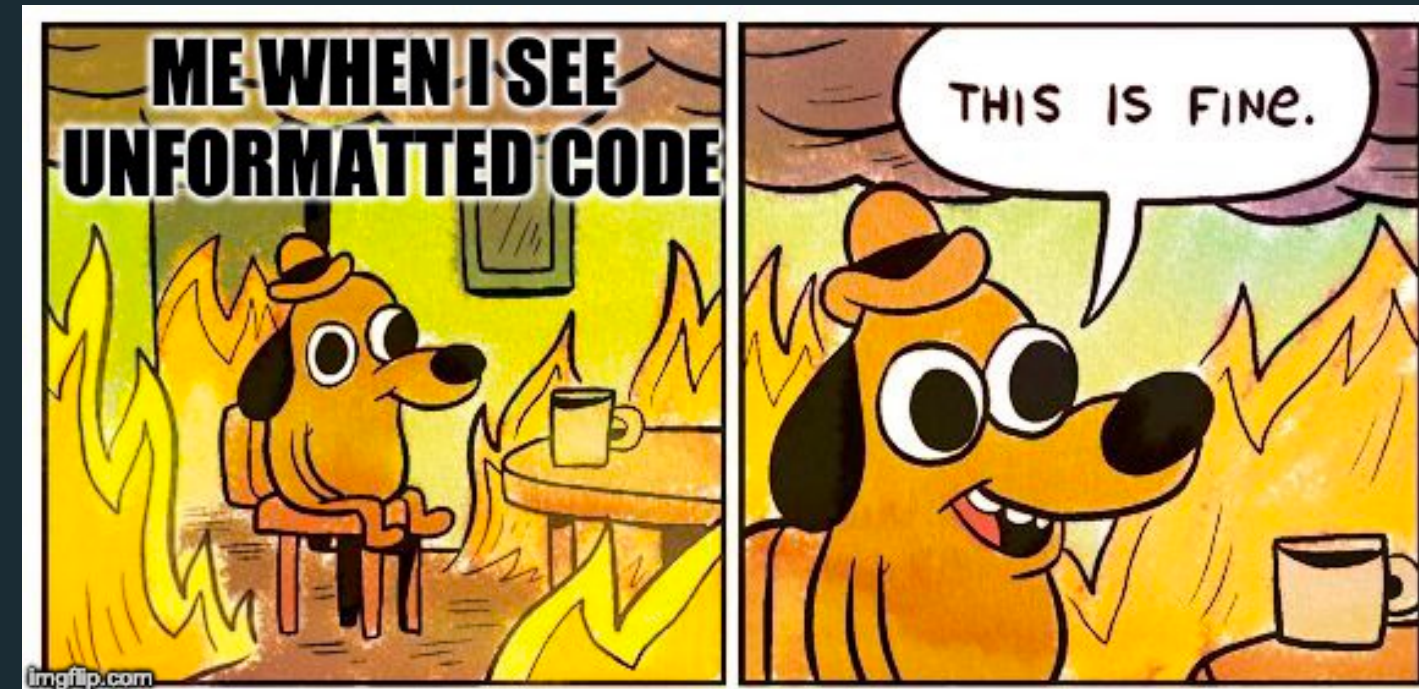


THIS LOOKS LIKE THE OUTPUT OF A MARKOV
BOT THAT'S BEEN FED BUS TIMETABLES FROM
A CITY WHERE THE BUSES CRASH CONSTANTLY.

WHATEVER, IT RUNS FINE FOR NOW.

SO DOES A
BURNING BUS.





HOW TO MAKE A GOOD CODE REVIEW



RULE 1: TRY TO FIND AT LEAST SOMETHING POSITIVE

Code formatters think about style,
so you don't have to.

* warning: highly addictive

Python



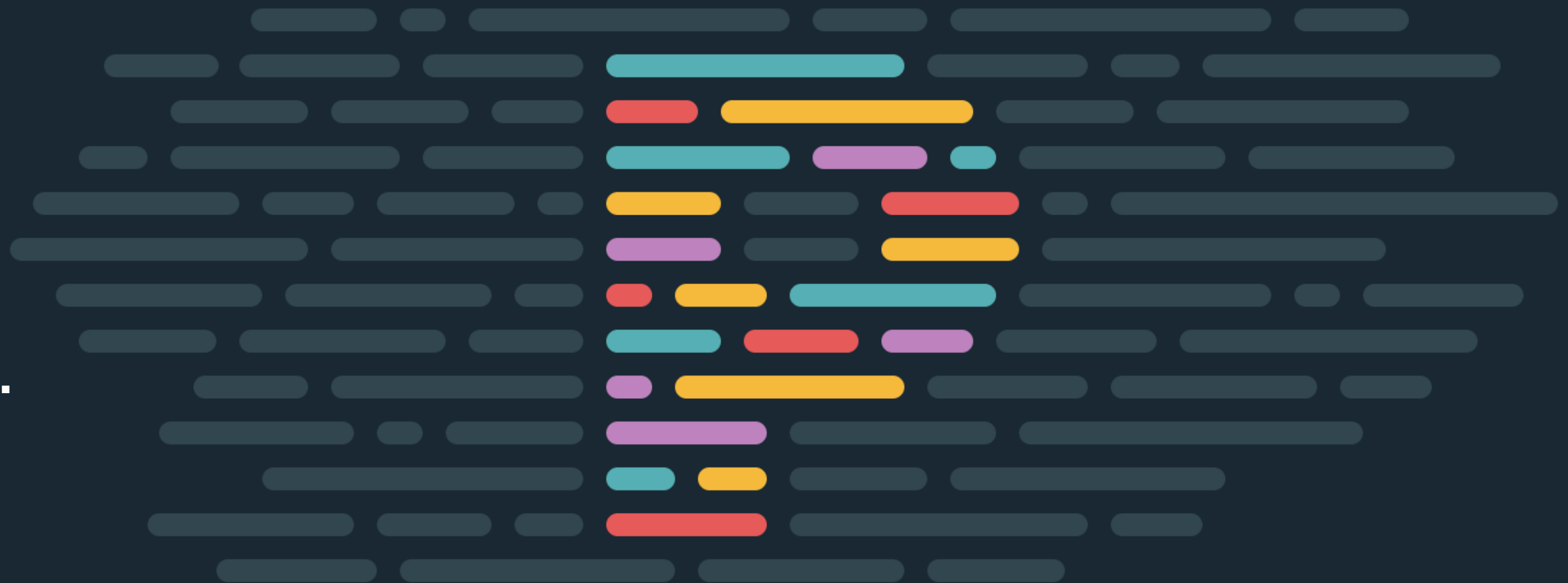
Markdown

YAML

PHP

CSS / SCSS

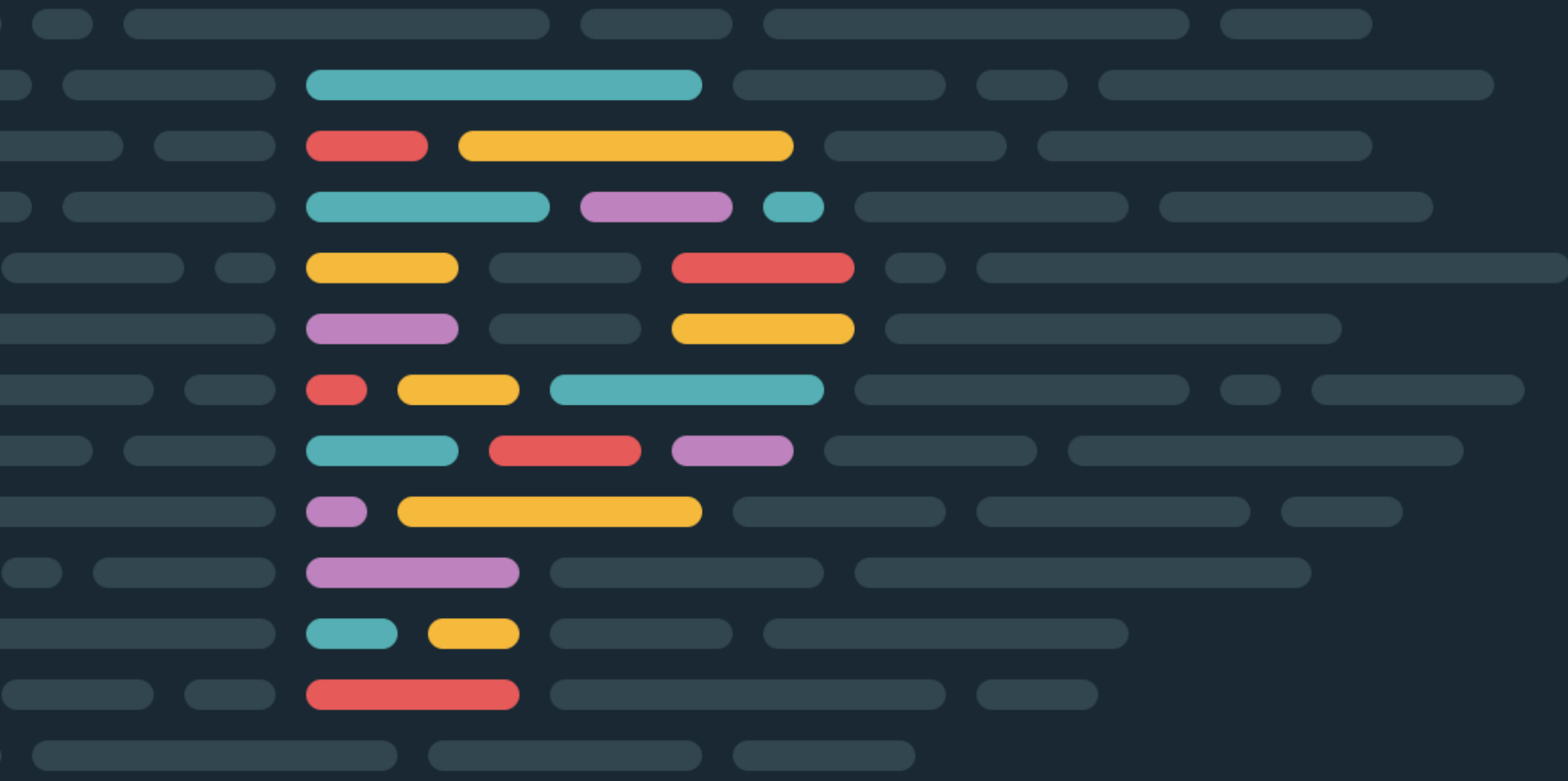
HTML





Black

<https://black.readthedocs.io/>



Prettier

<https://prettier.io/>

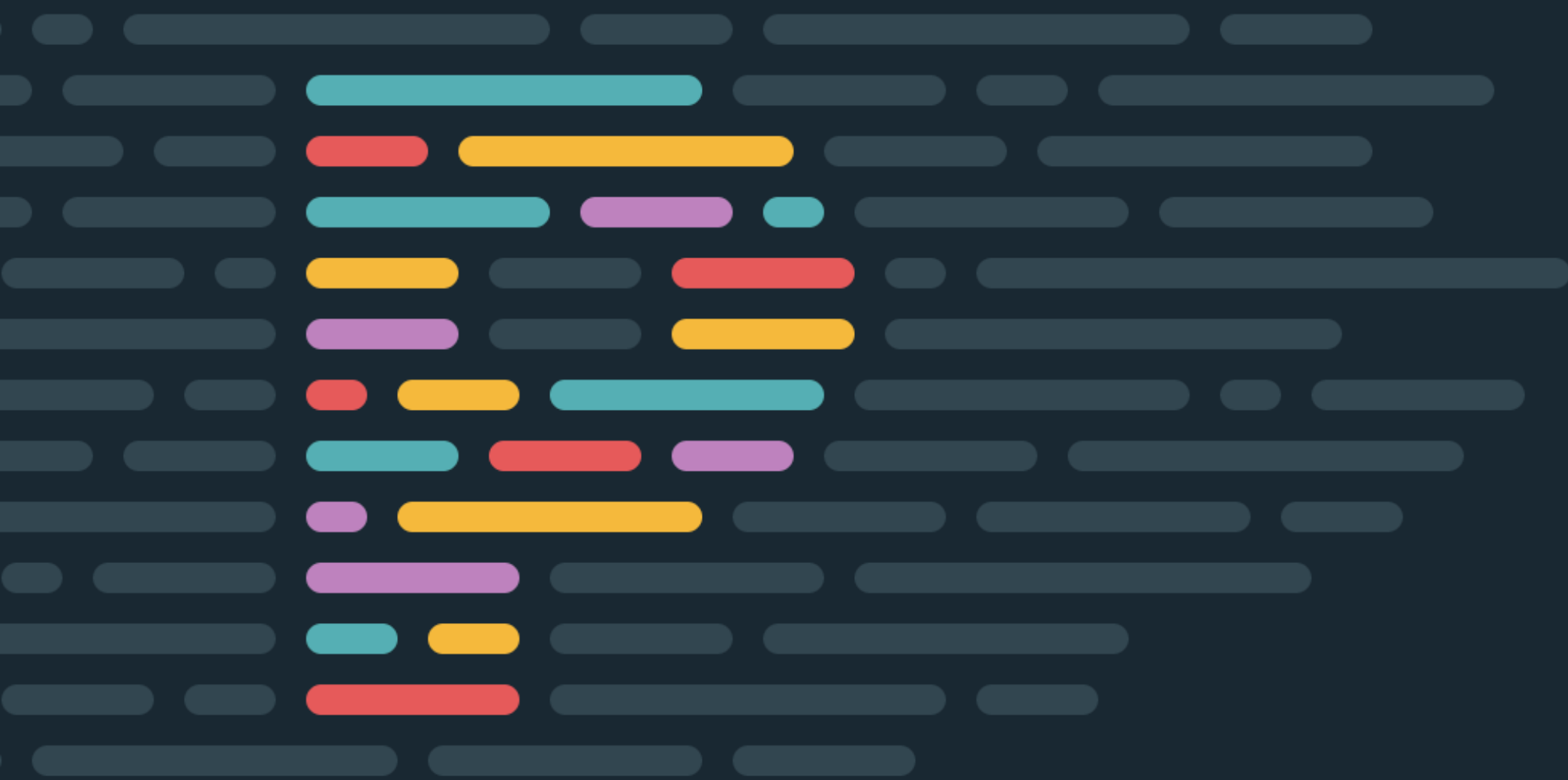


EditorConfig

<https://editorconfig.org/>



```
black --check *
```



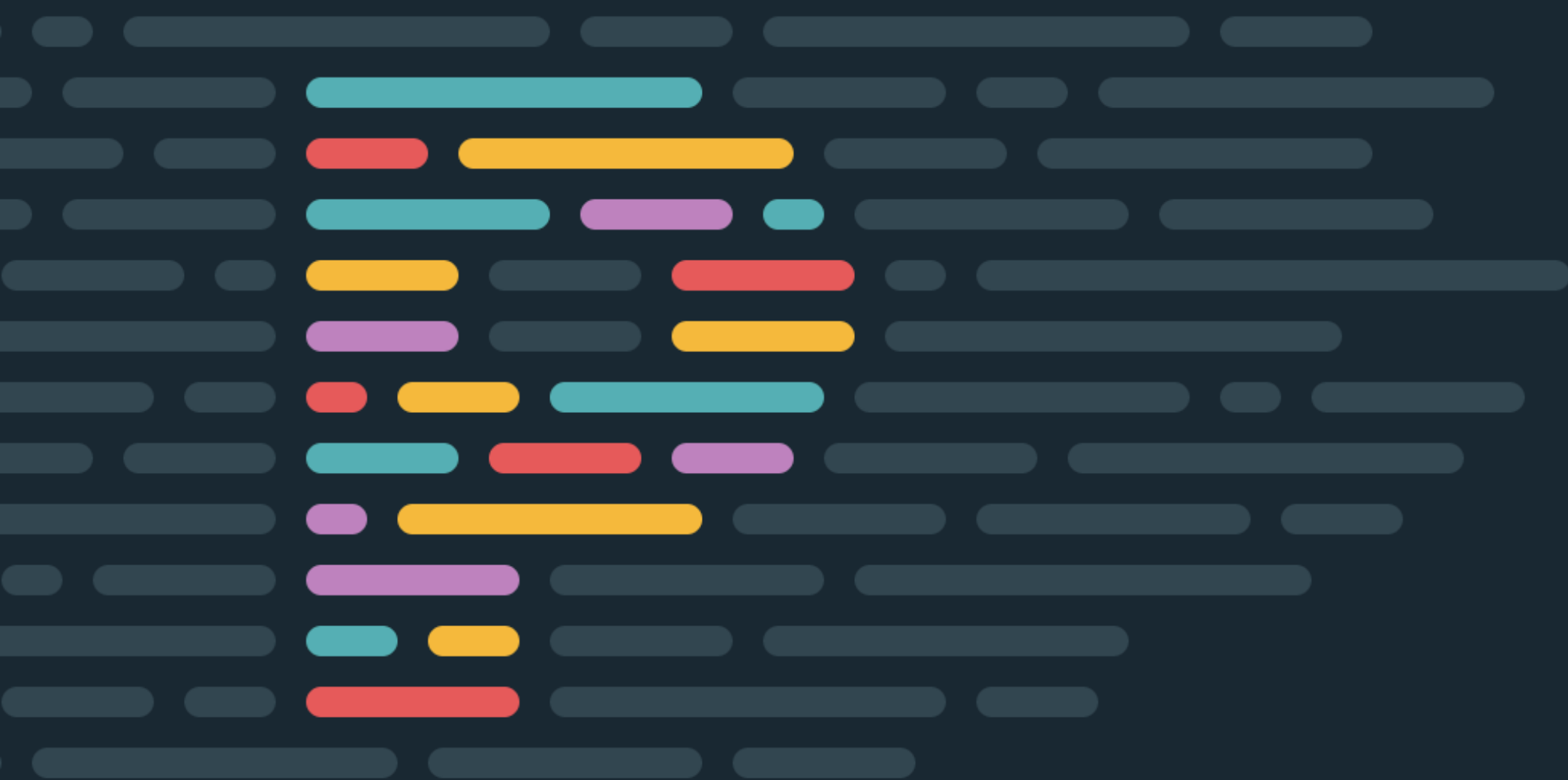
```
prettier --check *
```



```
editorconfig-checker
```




`black *`



`prettier --write *`

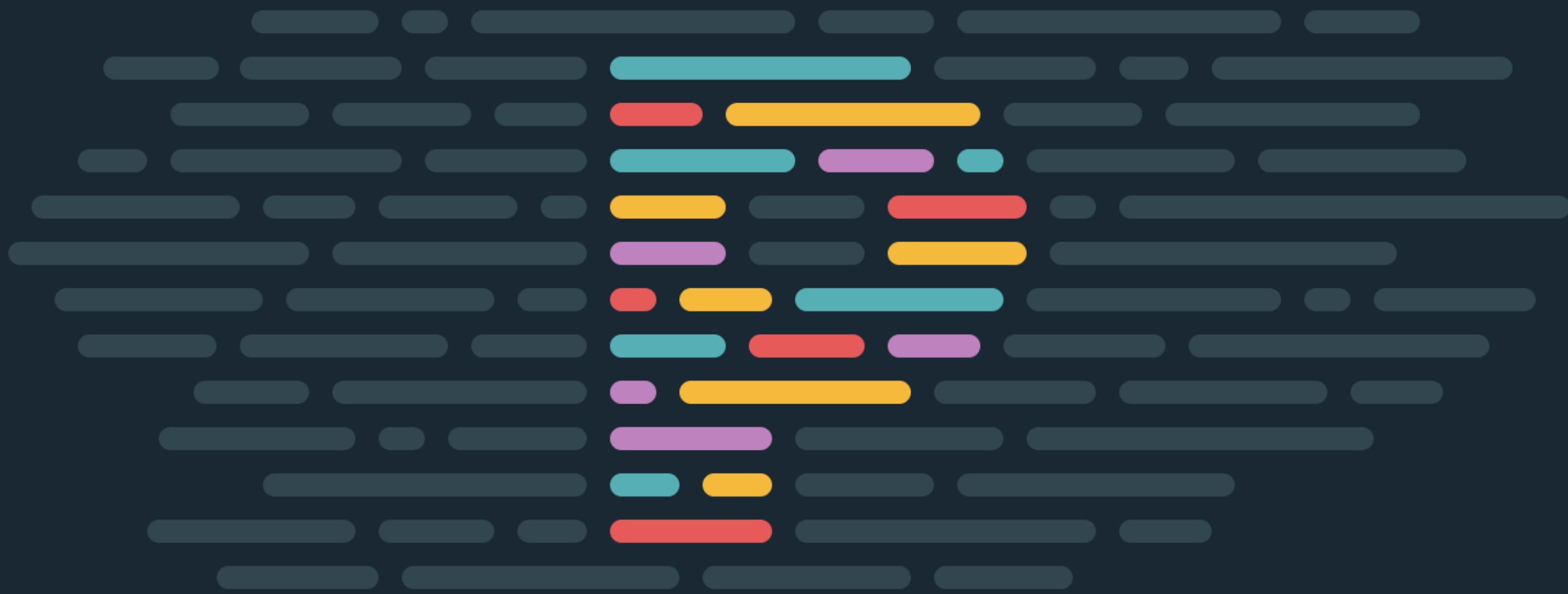


`editorconfig-checker`

✘ Checks in the CI tests

🖥️ Run on the command line

✨ Run in your text editor



nextflow

#prettier-plugin-nextflow

nf-core



Phil Ewels

<https://phil.ewels.co.uk>



<https://ngisweden.scilifelab.se>



<https://nf-co.re/join>