

503 days working full-time on FOSS: LESSONS LEARNED

PyCon Lithuania 

by Rodrigo Girão Serrão

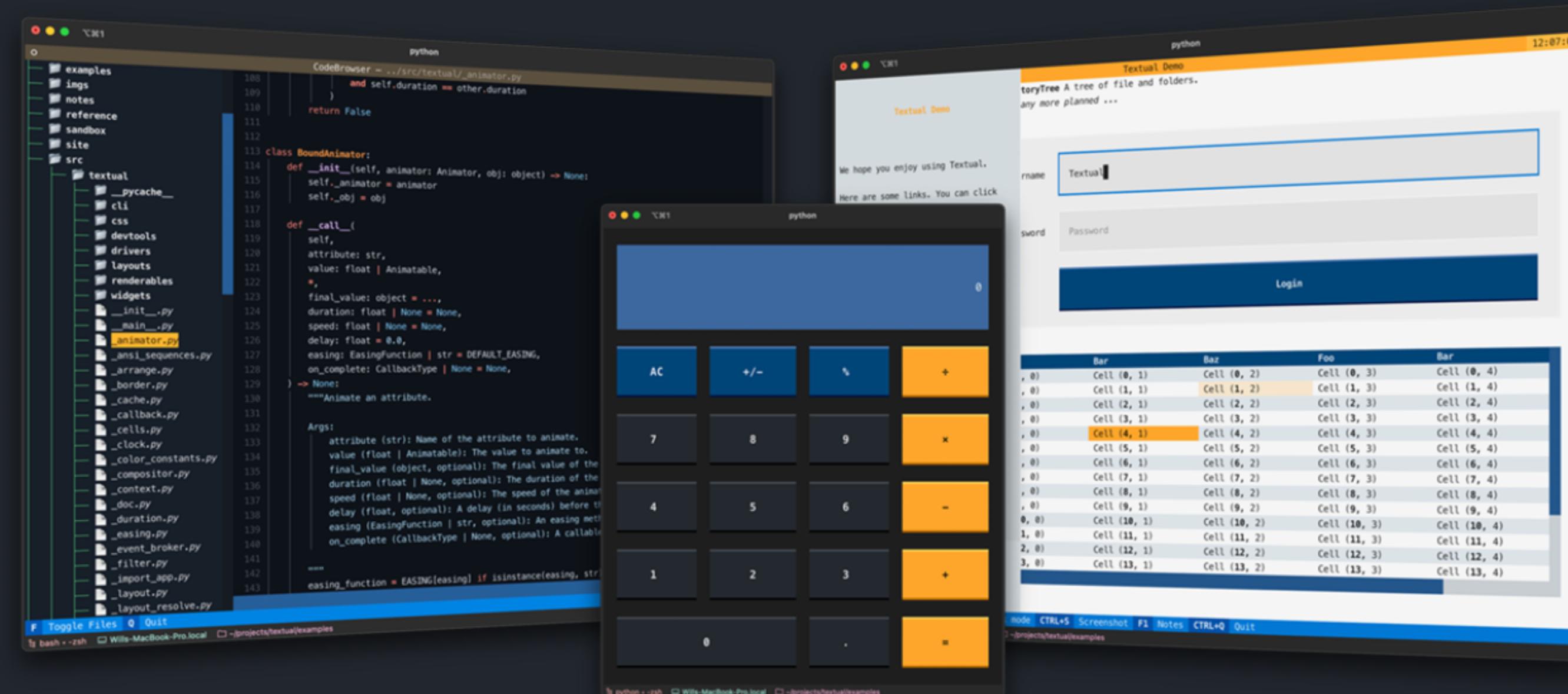


Rodrigo 🐍🚀
X @mathsppblog



Rodrigo 🐍🚀
X @mathsppblog

Textualize



chat 311 online

🔗 Textual

Textual is a *Rapid Application Development* framework for Python.

LESSONS LEARNED

1. Getting a tech job;

1. Getting a tech job;
2. Managing your ego;

1. Getting a tech job;
2. Managing your ego;
3. Interacting with users;

1. Getting a tech job;
2. Managing your ego;
3. Interacting with users; and
4. Working on a big codebase.

DISCLAIMER: Subjective

Getting a tech job

Everything you do online acts as a banner

Managing your ego

Ask ALL the questions

Embrace (code review) feedback



willmcgugan requested changes on Nov 25, 2022

[View reviewed changes](#)

willmcgugan left a comment

Member

...

Looks good! Just one request.





willmcgugan requested chang

willmcgugan left a comment

Looks good! Just one request.



willmcgugan requested changes on Jan 11, 2023

willmcgugan left a comment

A few requests



 willmcgugan requested changes on Sep 4, 2021

src/textual/_ animator.py Outdated

```
... ... @@ -27,14 +28,128 @@ def blend(self: T, destination: T, source: T, alpha: float) -> T:
    27     28         ...
    28     29
    29     30
31 + def _in_out_expo(x):
```

 willmcgugan on Sep 4, 2021
Could you type these? Seems redundant, but at some point I will switch to them.
required.

 willmcgugan requested changes on Sep 4, 2021

willmcgugan left a comment

Looks good! Just one request.

 willmcgugan requested changes on Jan 23, 2023

 willmcgugan left a comment

I think you've identified what the issue is, but I don't think the proposed fix is in the right place.
The change introduces additional logic and state in to deciding if the scrollbars should be shown. I think we can keep the current logic (which is simpler) by calling `_refresh_scrollbars` when the style is changed, i.e. in the property.
Suggest we refresh the scrollbar state when the style is changed. This is a much simpler solution than creating a custom descriptor based on String.

 willmcgugan requested changes on Jan 25, 2023

 willmcgugan left a comment

Nice work! Just one request to rename a method.

 willmcgugan requested changes on Jan 11, 2023

 willmcgugan left a comment

A few requests

 src/textual/dom.py

 src/textual/dom.py Outdated

 CHANGELOG.md Outdated

 View reviewed changes

 View reviewed changes

 View reviewed changes

 Member ...

 Show resolved

 Show resolved

 Show resolved

 Show resolved

 Show resolved

2023

 willmcgugan requested changes on Sep 4, 2021

[View reviewed changes](#)

src/textual/_animator.py Outdated

```
... ... @@ -27,14 +28,128 @@ def blend(self: T, destination: ...  
27 28 ...  
28 29  
29 30  
31 + def _in_out_expo(x):
```

 willmcgugan requested changes on Jan 11, 2023

[View reviewed changes](#)

willmcgugan left a comment

A few requests



 willmcgugan on Sep 4, 2021

 davep approved these changes on Jan 31, 2023

[View reviewed changes](#)

willmcgugan left a comment

CHANGELOG.md Outdated

Show resolved

Looks good! Just one request.

A few requests

 willmcgugan requested changes on Jan 23, 2023

[View reviewed changes](#)

willmcgugan left a comment

I think you've identified what the issue is, but I don't think the proposed fix is in the right place.

The change introduces additional logic and state in to deciding if the scrollbars should be shown. I think we can keep the current logic (which is simpler) by calling `_refresh_scrollbars` when the style is changed, i.e. in the property.

Suggest we refresh the scrollbar style when the style changes. This is a bit cleaner than having a custom descriptor based on String

 willmcgugan requested changes on Jan 25, 2023

[View reviewed changes](#)

willmcgugan left a comment

Nice work! Just one request to rename a method.



src/textual/widget.py

The screenshot shows a GitHub pull request interface with a dark theme. On the left, there's a sidebar with user profiles and commit history. The main area displays a timeline of events:

- willmcgugan requested changes on Mar 23, 2023**: Looks good. But I think it would be best to always explicitly return `self`, rather than return the result.
- willmcgugan left a comment**: Looks good. But I think it would be best to always explicitly return `self`, rather than return the result.
- willmcgugan requested changes on Apr 13, 2023**: This feels like it might be masking the error, rather than fixing it. I don't think you guarantee on a slower machine or with faster key repeat.
- willmcgugan left a comment**: This feels like it might be masking the error, rather than fixing it. I don't think you guarantee on a slower machine or with faster key repeat.
- willmcgugan requested changes on Apr 18, 2023**: Good first pass. A few requests. Might be worth going over this tomorrow.
- willmcgugan requested changes on May 4, 2023**: Let's either lose the example entirely, or have a have an example simply show resolved.
- rodrigogiraoserrao added 2 changes**: Reworded.
- willmcgugan requested changes on May 4, 2023**: The FAQ should contain fairly concise answers. It's not intended to be didactic.
- willmcgugan requested changes on Feb 8, 2023**: The entire code to make sure there aren't any `emit`'s hiding in docs or examples?

At the bottom, there's a detailed view of a commit from May 4, 2023, showing code changes:

```
src/textual/widgets/_data_table.py
959 +     # scrolling because it may be animated.
960 +     self.call_next(self._scroll_cursor_into_view)
961 +
962 +     def move_cursor(
```

Everyone makes mistakes



rodrigogiraoserrao commented on Feb 27, 2023

Can we create a "shameful" label and add it to this issue, please?



1



rodrigogiraoserrao closed this as completed on Feb 27, 2023

Interacting with users

CREATE A CONTRIBUTING GUIDE

CREATE A CONTRIBUTING GUIDE*

*But no one will read it...

Give clear instructions to bug reporters

Give

A screenshot of a GitHub repository page for 'Textualize/textual'. The page shows 127 issues, 24 pull requests, and 1 discussion. The 'Issues' tab is selected. A large central box contains two sections: 'Bug report' (with a 'Get started' button) and 'Task' (with a 'Get started' button). Below these are links to 'Open a blank issue.' and 'View organization templates'. At the bottom, there are links to 'Terms', 'Privacy', 'Security', 'Status', 'Docs', 'Contact', 'Manage cookies', and 'Do not share my personal information'. The GitHub logo and copyright notice are at the bottom right.

github.com/Textualize/textual/issues/new/choose

New Issue · Textualize/textual

Textualize / textual

Code Issues 127 Pull requests 24 Discussions Actions Projects 1

Bug report
Create a report to help us improve

Task
An outstanding feature that needs to be implemented

Get started

Get started

Don't see your issue here? [Open a blank issue.](#)

[View organization templates](#)

Terms Privacy Security Status Docs Contact Manage cookies Do not share my personal information

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Give clear instructions to bug reporters

Give clear instructions to bug reporters

*Refer to contributing guide.

Be so kind it's annoying

Give first reply quickly

Give first reply quickly

*Refer to contributing guide.

How to handle external pull requests



How to handle external pull requests



*Refer to contributing guide.

How to handle external pull requests



- *Refer to contributing guide.
- *Refer to contributing guide.

How to handle external pull requests: closing PRs



Story time (?)

Working on a big codebase

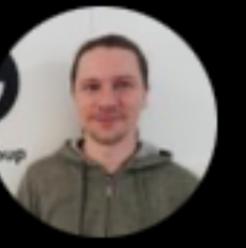
4 points to always keep in mind

4 points to always keep in mind

What's best for the dev?

4 points to always keep in mind

What's the spirit of the issue?



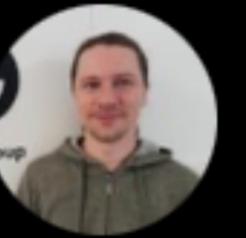
Alexey Grigorev @Al_Grigor · Feb 3, 2021

...

Most candidates cannot solve this interview problem:

- ◆ Input: "aaaabbbcca"
- ◆ Output: [("a", 4), ("b", 3), ("c", 2), ("a", 1)]

Write a function that converts the input to the output



Alexey Grigorev @Al_Grigor · Feb 3, 2021

...

Most candidates cannot solve this interview problem:

- ◆ Input: "aaaabbbcca"
- ◆ Output: [("a", 4), ("b", 3), ("c", 2), ("a", 1)]

Write a function that converts the input to the output

485

222

1K



Followed by some accounts you follow



Robert Smallshire

@robsmallshire

...

```
def func(x):  
    return [("a", 4), ("b", 3), ("c", 2), ("a", 1)]
```

4 points to always keep in mind

I take the hit so the dev doesn't.

4 points to always keep in mind

Am I preventing something reasonable?

Take notes

Personal pull request checklist

read issue

read issue

write code
↓

did I fix the WHOLE issue?

read issue

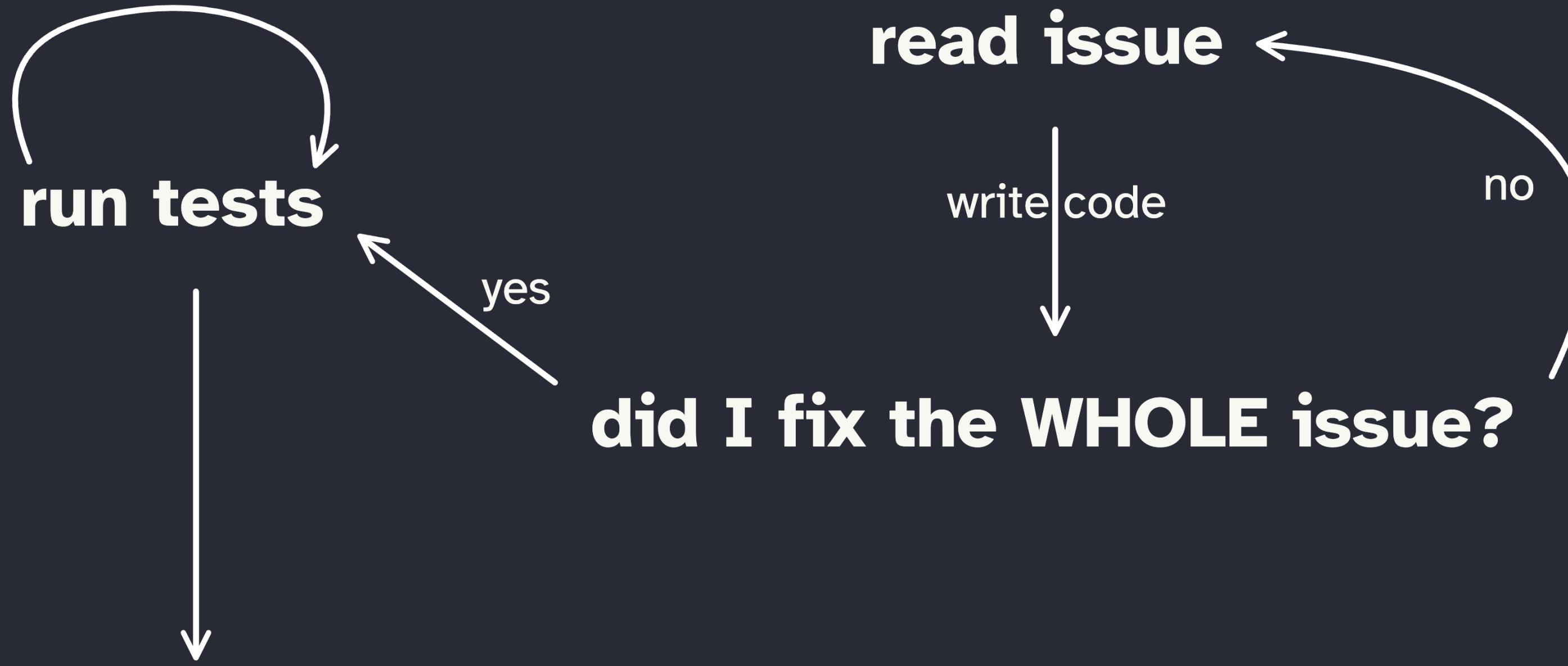
write
code

no

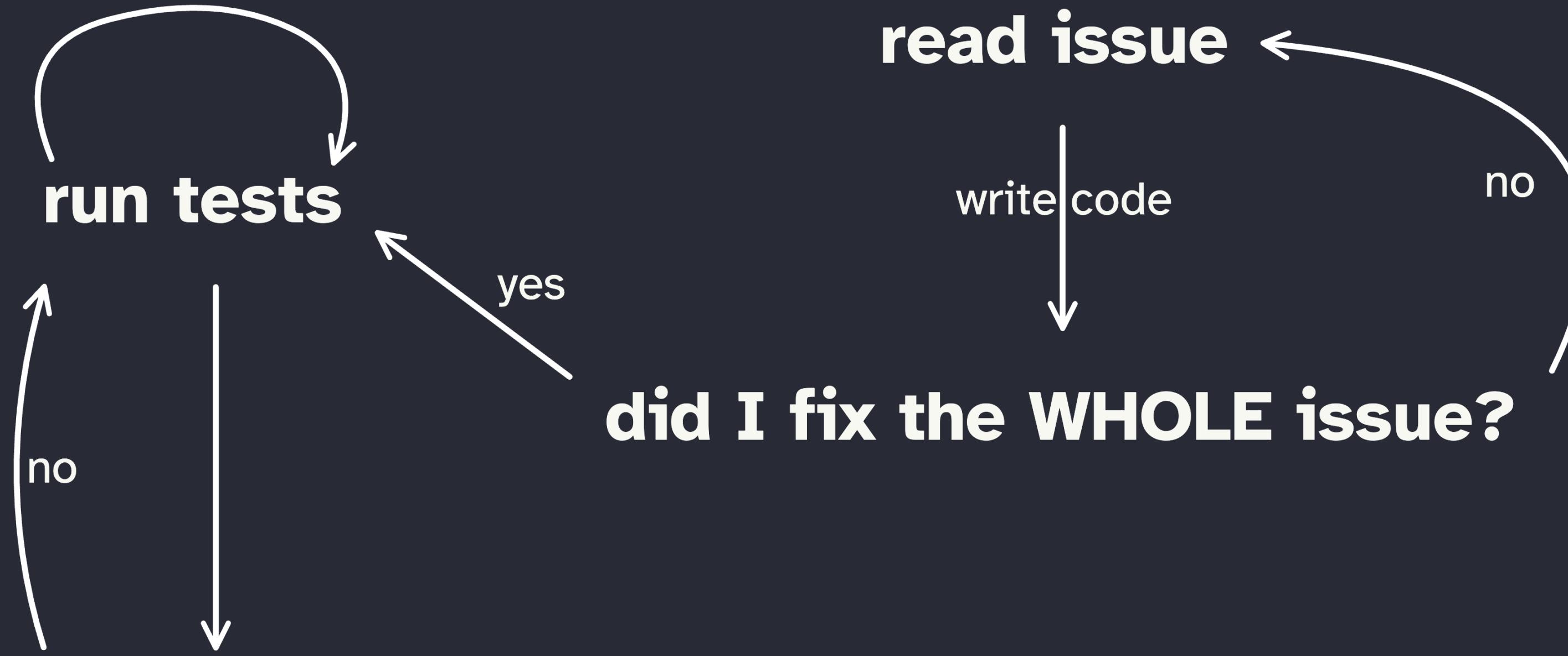
did I fix the WHOLE issue?



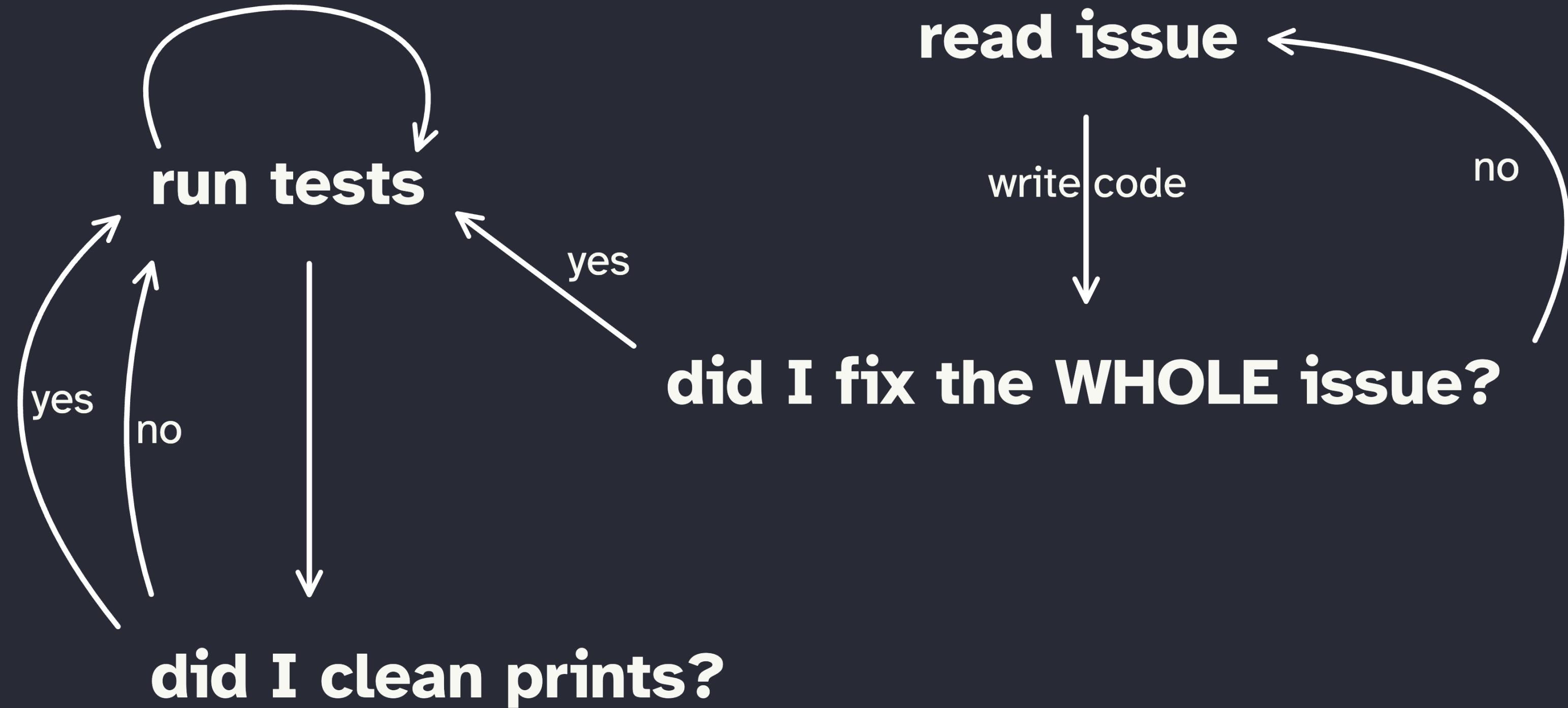


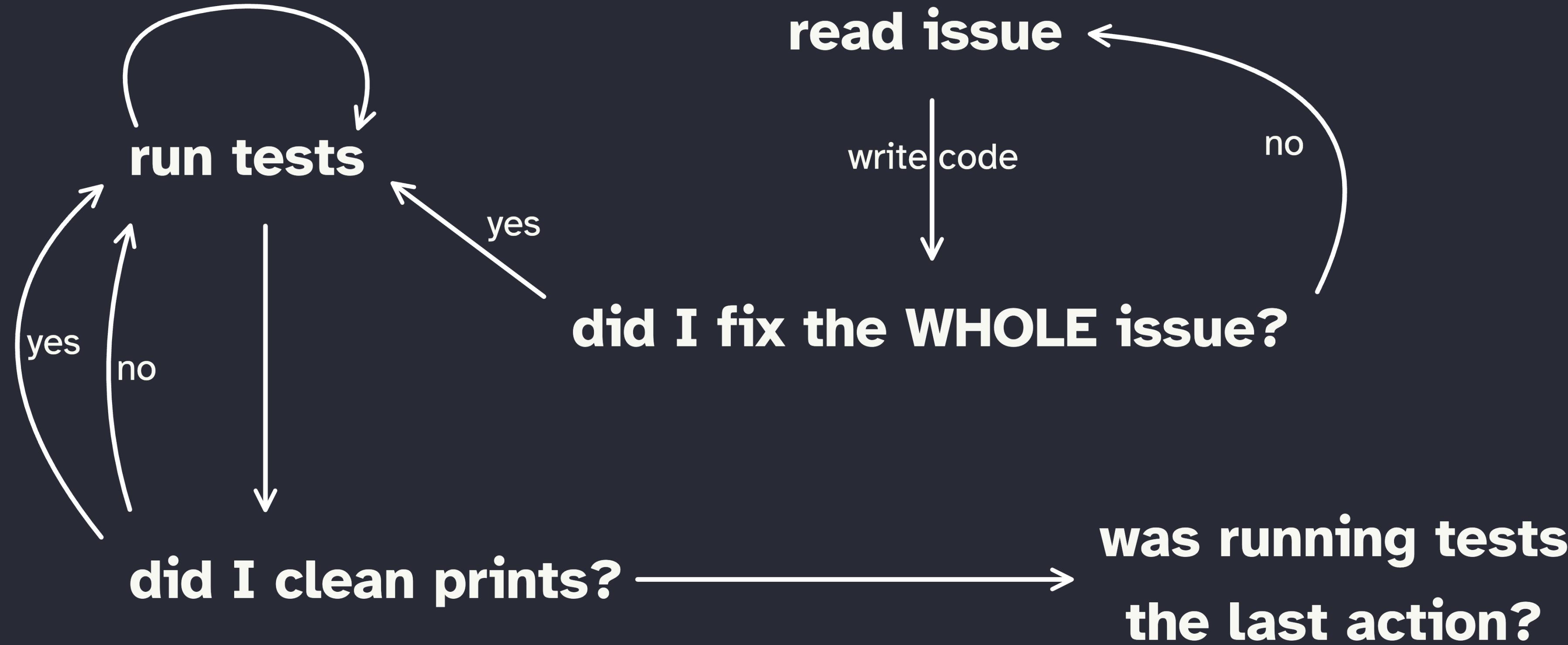


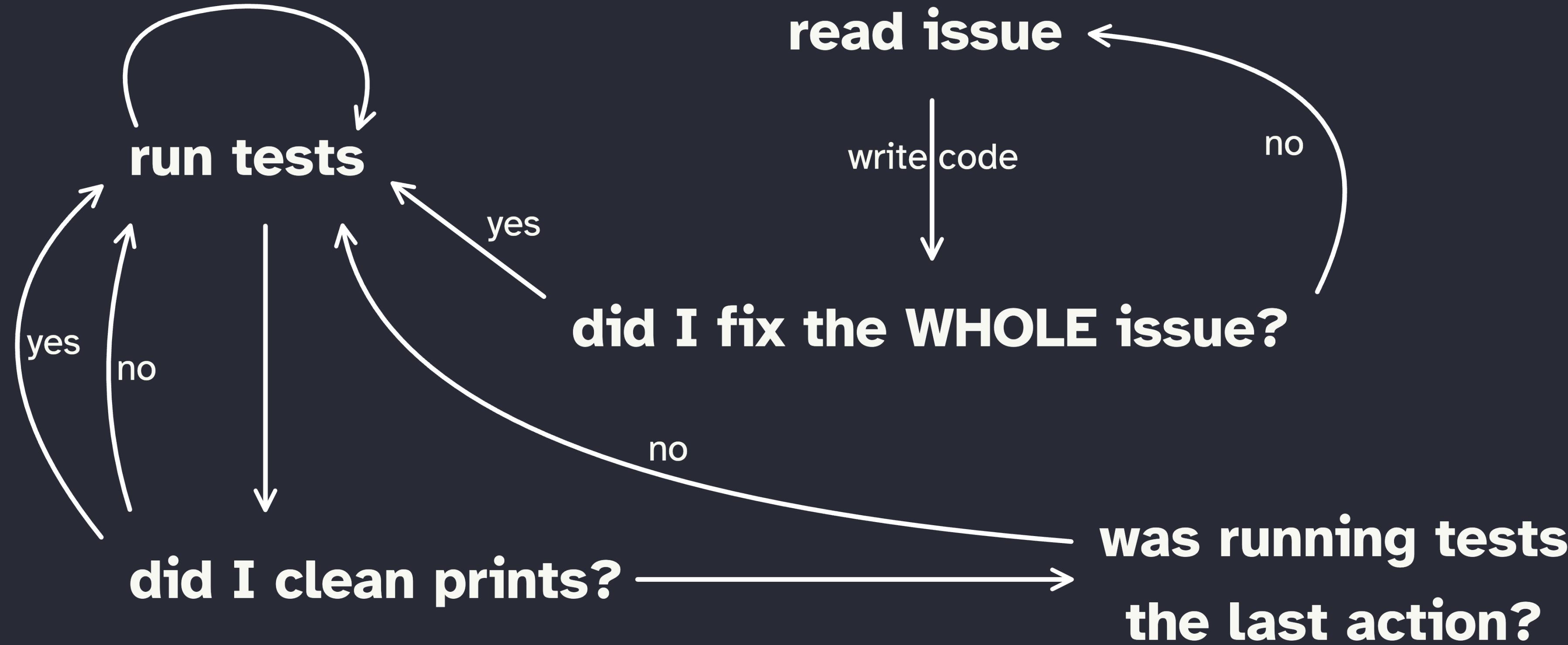
did I clean prints?

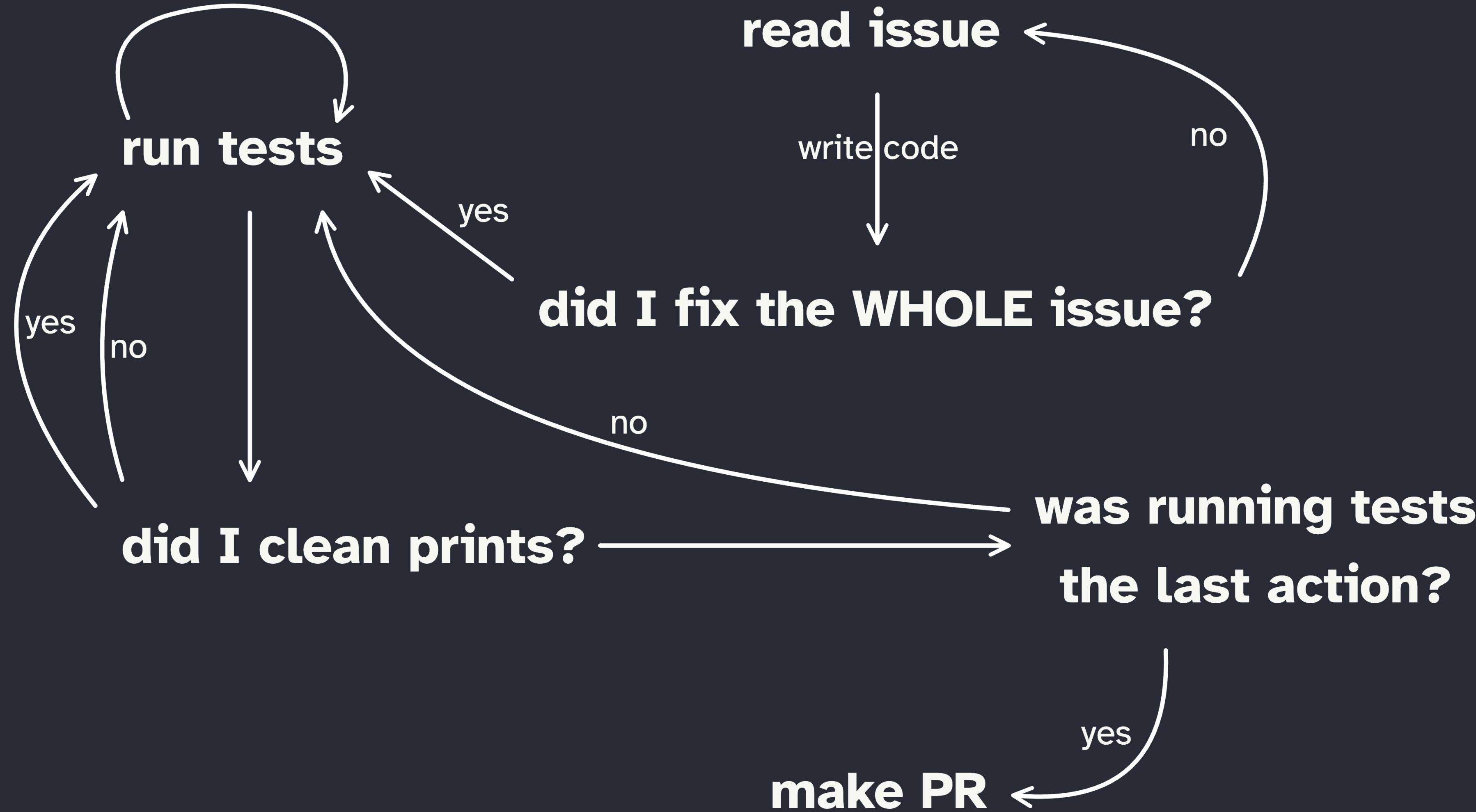


did I clean prints?









FOSS is a gift

presented with snappify*

*no affiliation, they're just awesome

