Something's Rotten at the Gilded Rose: A Python Refactoring Tale

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Who am I? (i.e. Shameless Self Promotion)

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Slacks

Chris C on
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What is the Gilded Rose Kata?

Refactoring exercise created by Terry Hughes and expanded by Emily Bache

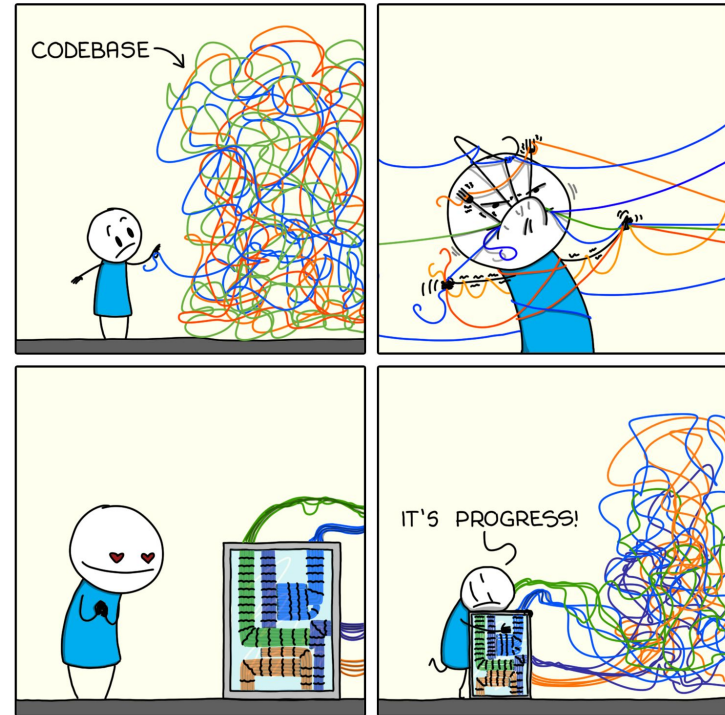# What is Refactoring?

Changing existing source code without changing its external behavior.
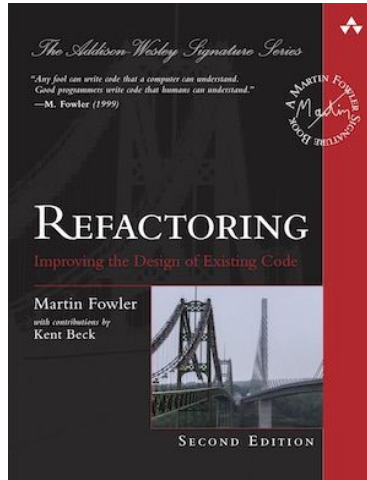
Use Churn to Know when to Refactor

The more often a file is changed the more benefit you will get from refactoring it.

Example Churn Script:
https://github.com/garybernhardt/dotfiles/blob/main/bin/git-churn

```
 git log --all -M -C --name-only --format='format:'
| sort | grep -v '^$' | uniq -c | sort -n
```

Live Refactoring

Assumptions:

- Can't edit or inherit item class
- Short timeline for Conjured Mana Cakes
- Camping rule: leave things better than you found them.

This is just one of many ways to refactor this kata.

Learn More

Gilded Rose Kata:

https://github.com/emilybache/GildedRose-Refactoring-Kata

https://www.youtube.com/@EmilyBache-tech-coach

Refactoring (Martin Fowler):

https://refactoring.com/

Understand Legacy Code:

https://understandlegacycode.com/

Legacy Code Rocks:

https://legacycode.rocks/

SaturdayMP Videos:

https://www.youtube.com/@saturdaymp

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Repo:

https://github.com/saturdaymp-examples/a-refactoring-tale-python