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

Chris C

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

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Slacks

Chris C on

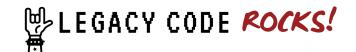
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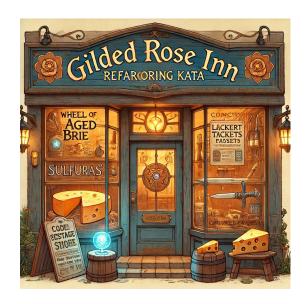






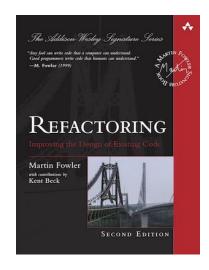
What is the Gilded Rose Kata?

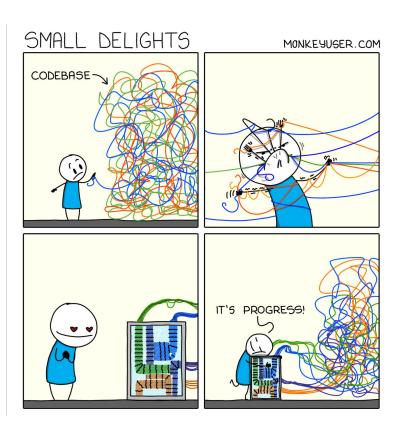
Refactoring exercise created by Terry Hughes and expanded by Emily Bache



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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Slides:

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