

Putting the DeD in TDD





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Adjusting the Levels

- ❖ Interrupt Us
- ❖ All Levels Session
 - Covering some basics
- ❖ Not Selling TDD
 - Showing how not why
 - The experience will show the why
- ❖ We Expect You to Pair
- ❖ Language Agnostic
 - Ruby, Java, .NET, JavaScript, Haskell, Scala, Go, Python, Swift... we don't care
- ❖ You Know Your Tools
 - We're not here to teach you JUnit, Jasmine, or RSpec



Katas



The Evercraft Kata

Adjusting the Levels

- ❖ Introduction
- ❖ TDD & Ping Pong Pairing
- ❖ Coding!
- ❖ Retrospective
 - tell us how it went
 - reflect on what you've learned
- ❖ Lunch
 - the conference does this, we ain't feedin' ya

Our Character Sheets

5th Level Facilitator

- ❖ +5 to Teaching: can help and teach almost any student
- ❖ Bonus Feats: TDD & Pair Programming
- ❖ Kata Mastery: have mastered the Evercraft Kata and can help if pairs get log-jammed

1st Level Product Owner

- ❖ Ideation: can form general ideas for a product at will but won't know exactly what they want
- ❖ Clarity: given a question on requirements can unerringly answer it
- ❖ Agile Advocate: can promote Pairing, TDD and other Agile engineering practices to the business 3 times per day

Questions?



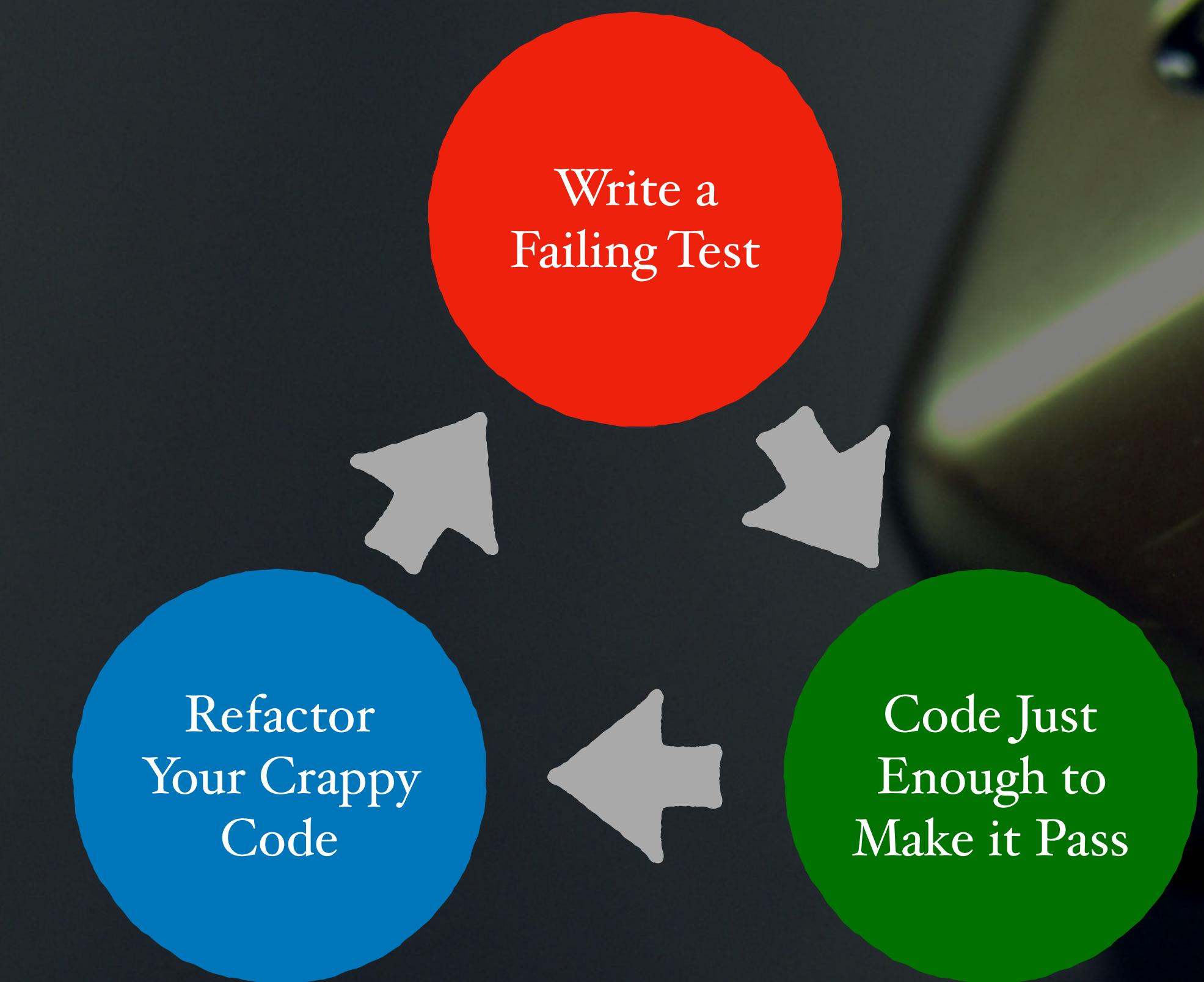
TDD e Ping Pong Pairing



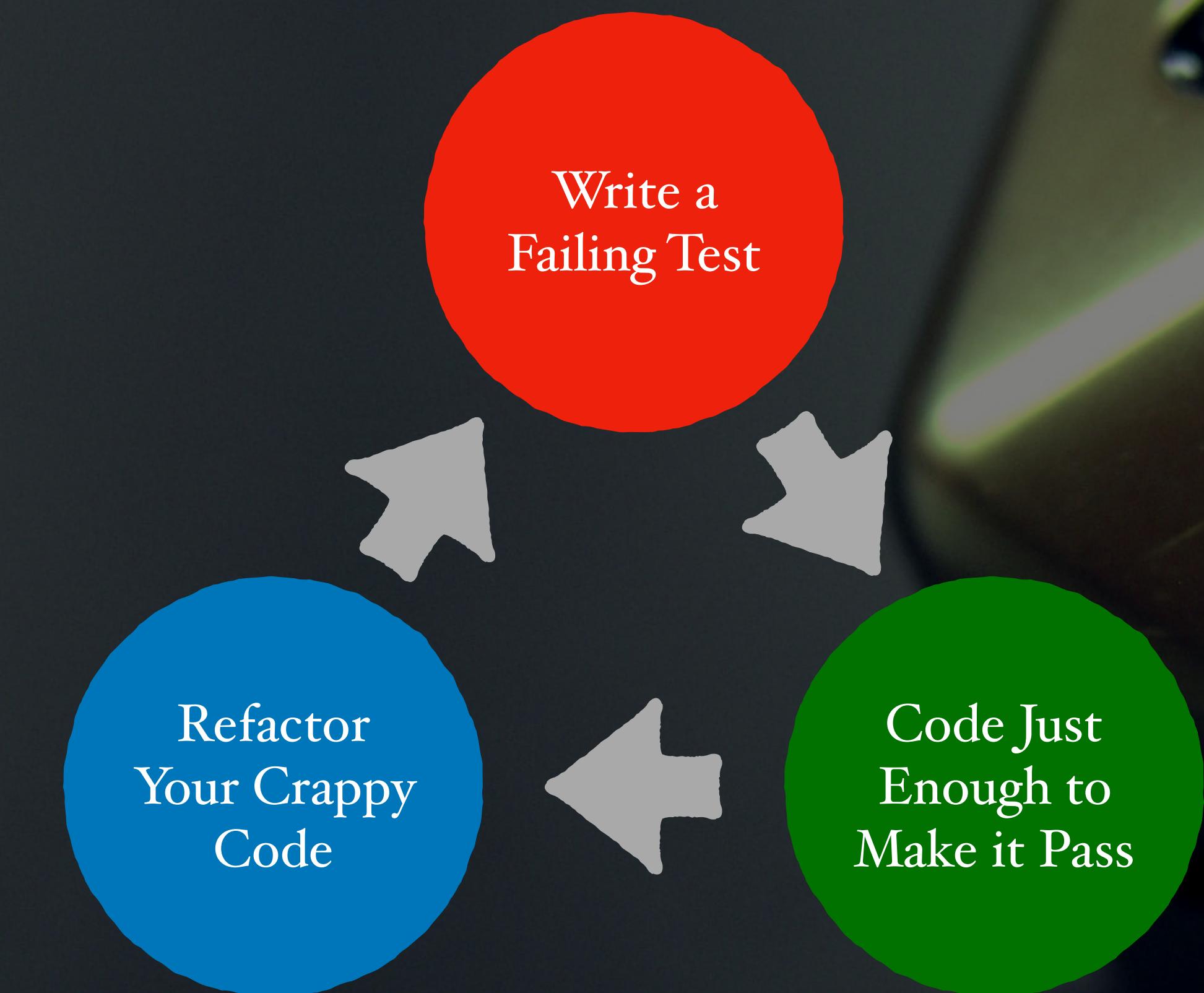


A Brief History

Test-Driven Development



PingPongPairing



Dos & Don'ts

Do...

- ❖ ...start with a failing test.
- ❖ ...write tests that become more and more specific.
- ❖ ...write code that becomes more and more generic.
- ❖ ...take turns writing tests, coding, and refactoring.
- ❖ ...kibitz while pairing.
- ❖ ...consider keeping a list of tests you need to write.

Don't...

- ❖ ...write more than one test at a time.
- ❖ ...have more than one assert in a test.
- ❖ ...write any more code than is needed to make the current test pass.
- ❖ ...code alone.

Questions?



Evercraft



GeerCraft





Pair Up

During the Kata

- ❖ Ask Questions

- as product owners, we might not know what we want
- as facilitators, we might have gaps in our material

- ❖ Present Ideas

- as product owners, we might like them more

- ❖ Code the Model Only

- ❖ Don't Mess with Coding the Dice

- it's not worth the hassle



github.com/PuttingTheDnDIInTDD/EverCraft-Kata

Go Forth and Code
Evercraft



Onward Mighty Adventurers
Evercraft



Hack & Slash Coding?
Evercraft



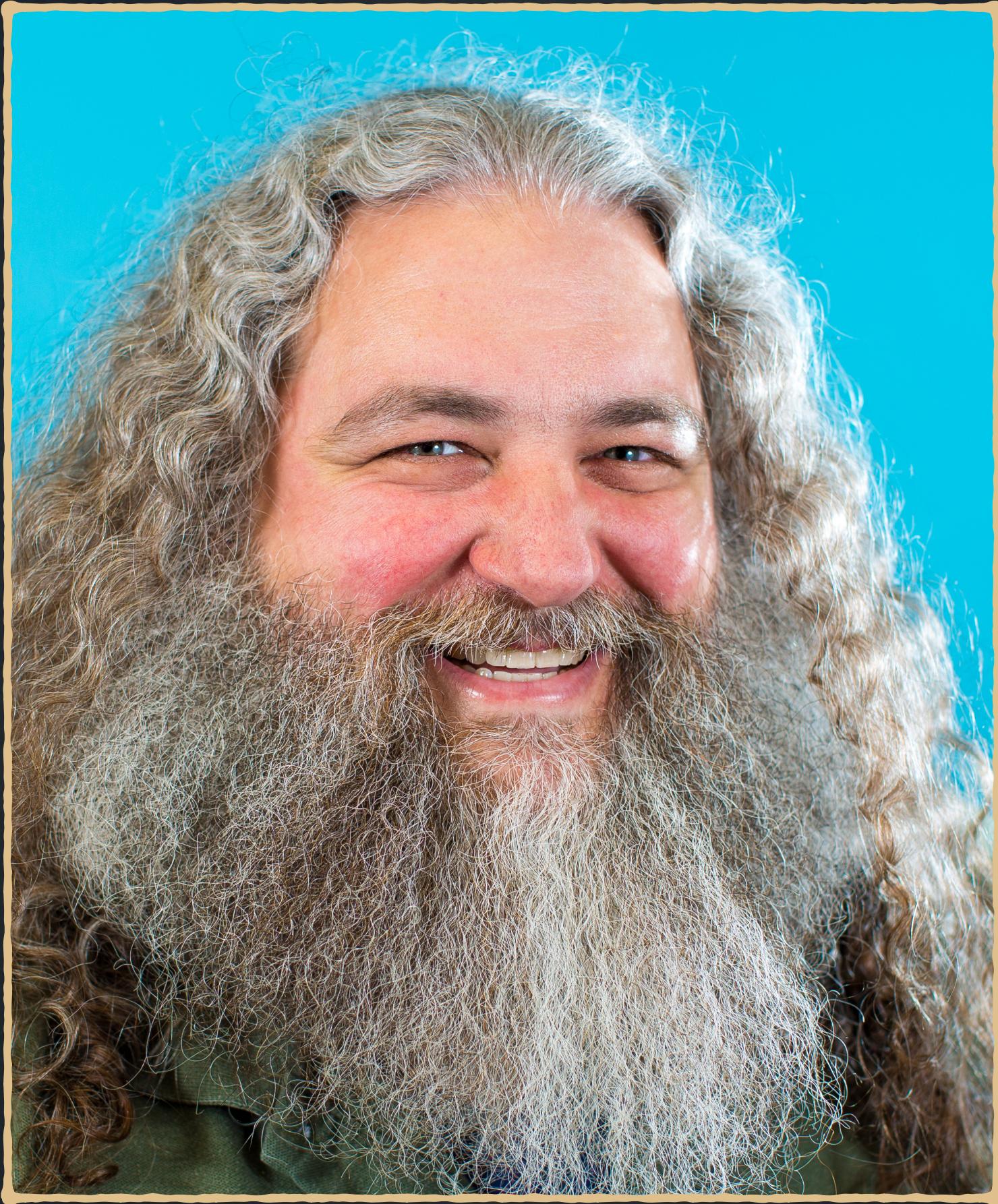
The Deepest Level of the
Dungeon

Evercraft





Retrospective



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