

# Test Driven Development

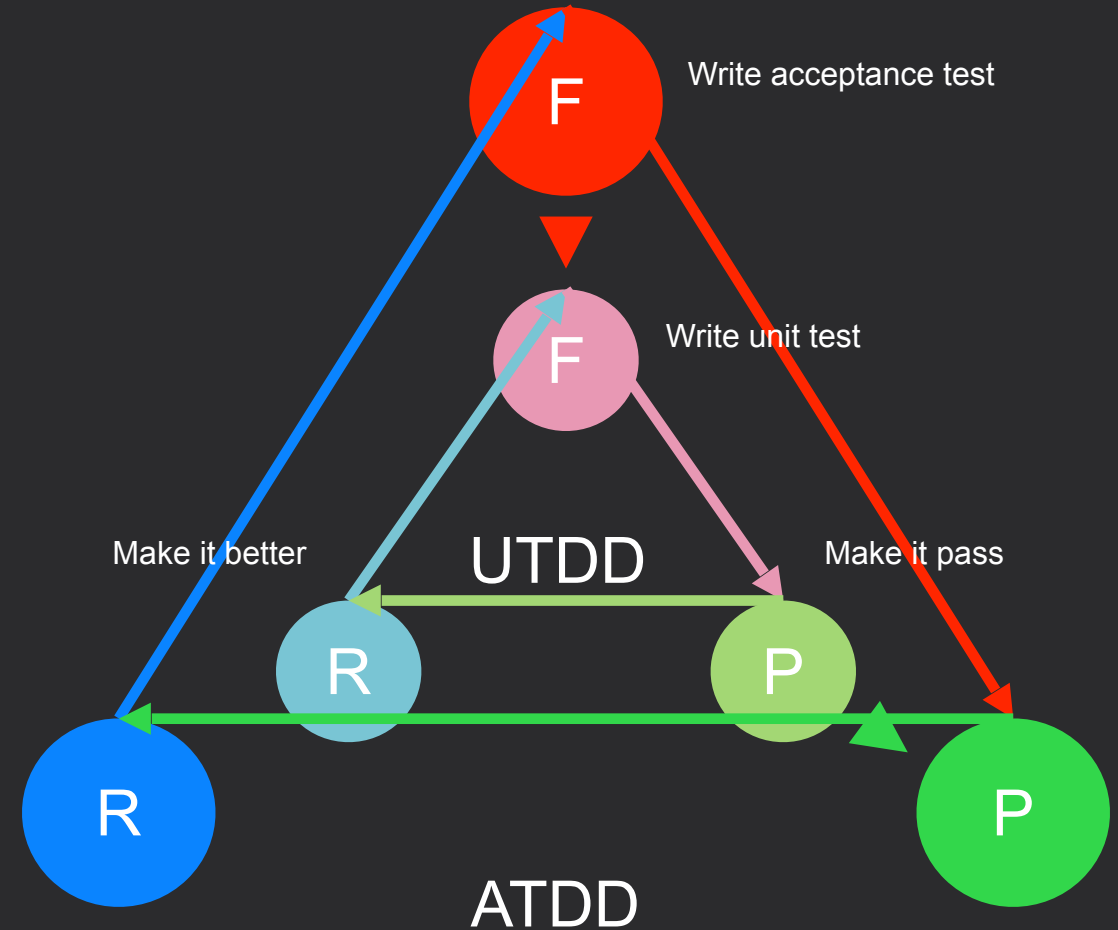
## What is TDD exactly?

Development DRIVEN by tests

## Then what is ATDD?

It is a form of TDD, where acceptance tests are collaboratively written and agreed to in advance of implementing functionality. Then using TDD to implement the functionality until the acceptance tests pass.

These tests represent the user's point of view and act as a form of requirements to describe how the system should function, as well as verifying that it functions as intended.



Red — start with failing tests  
Green — make your tests pass  
Refactor — improve existing implementation

# How?

- Declarative tests, not scripts
- Human readable
- Living documentation
- Easily tied/traced to code
- Test FIRST  
(Fast, Independent, Repeatable, Small, Timely)

