



# eFFN Testing Tip: Property Based Testing

Write less, test more.

DAVID POWER

25.10.2017

# AGENDA

- 1 What?
- 2 Why?
- 3 How? / Demo

# What is property based testing?

In a nutshell, property based testing is a type of testing that utilises;

- Auto generated method properties
  - Random but scoped
    - via **Strategies**, applied to methods as annotations

Examples:

- [Hypothesis](#) [x]
- [QuickCheck](#)

# Why do property based testing?

- Reduce the number of test cases needed
  - more on this in the demo
- Find bugs early
- Improve quality

# How? / Demo



Question?