

Two Points of View at Two

Short High-impact Talks about Testing



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Meet Today's Guest

- In this session, Rex is happy to welcome Gio Lodi.
- Gio Lodi is the author of [Test-Driven Development in Swift](#).
- He's been exploring testing and automation since 2011, when he encountered TDD while working on a startup with his University housemates.
- Gio publishes his findings in [his blog](#) and with presentations such as this one.
- He lives in an Australian beach town with his wife and two little children, and works remotely as mobile infrastructure engineer at Automattic, where he helps teams working on apps such as WordPress ship quality code on a schedule.



Today's Topic: How to Adopt a Test-Driven Development Mindset

- Test-Driven Development (TDD) is a software development technique that flips the testing process on its head: rather than testing after the product is done, developers build tests *first* and use the failure as a guide to write the necessary code.
- TDD's immediate benefit is that it gives better test coverage, but there are more beneficial second order effects that come when applying it consistently.
- Moving in this step-by-step, feedback driven process improves the team productivity and results in a malleable software design.
- In this presentation, we'll look at how to bring this mindset that focuses on iteration and feedback in all the areas of software and product development.



Today's Topic: How to Adopt a Test-Driven Development Mindset

Start with a test

- Tests are feedback mechanisms
- Every change has an expected outcome
- *“How can I learn if I’m wrong?”*



Today's Topic: How to Adopt a Test-Driven Development Mindset

Move in small steps

- *“Speed of iteration will trump quality of iteration”* – [Daniel Ek](#)
- Small steps: faster feedback & cheaper failure
- *“How can I make this step smaller?”*
- It's easy to find smaller step, it's hard to remember to look for them



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