About me

- ▶ Tobias Schlitt
  - ▶ Twitter: tobySen
  - ▶ Email: toby@qafoo.com
- ▶ Consultant / Trainer at Qafoo (`http://qafoo.com`)
  - ▶ Object Oriented Design
  - ▶ Automated Testing

Let's Learn Testing

- PHPUnit (http://phpunit.de)
- Almost no slides
- Writing code instead
- Code: `https://github.com/QafooLabs/learn_testing`

Checkout Kata

- Implement a supermarket checkout
- Scan a single item at once
- Checkout calculates the sum prize

Recap

- PHPUnit basics
- `PHPUnit_Framework_TestCase`
- Running tests

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Checkout Kata

- Implement a supermarket checkout
- Scan a single item at once
- Checkout calculates the sum prize
- A display should always show the current sum

Recap

- Handling dependencies
- Basic mocking

Checkout Kata

- Implement a supermarket checkout
- Scan a single item at once
- Checkout calculates the sum prize
- A display should always show the current sum
- Prices orginate from different resources

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Recap

- Integration vs. unit tests
- Testing the failure case

Summary / Outlook

- Setup PHPUnit
- Anatomy of a test
  - Base class
  - Test methods
  - Fixtures / setup
- Executing tests
- Testing dependencies
- Dos and don'ts

- Advanced features
- Testable code
- System tests
- Functional tests
- Optimal test mix
- Continuous integration

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https://joind.in/10278

THANK YOU

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