TDD? I don't have time

Myths about Test-Driven Design

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Introduction

- I work for Sword Real Time
- Public Sector contracts
- Mixture of new (green-field) and legacy (brown-field) projects
- Member of ScotAlt.Net
- Experience in Java, Python etc.

Outline

- Unit testing
- Test-Driven Design
- Demo
- Questions

Unit testing

- How many of you use unit tests?
- How many of you use TDD?
- Verify code does what you expect
- Programmer driven

I don't need to test

I love testing, but I can't get my team to adopt it

I don't know what tools to use

I need 100% code coverage

Quality doesn't matter
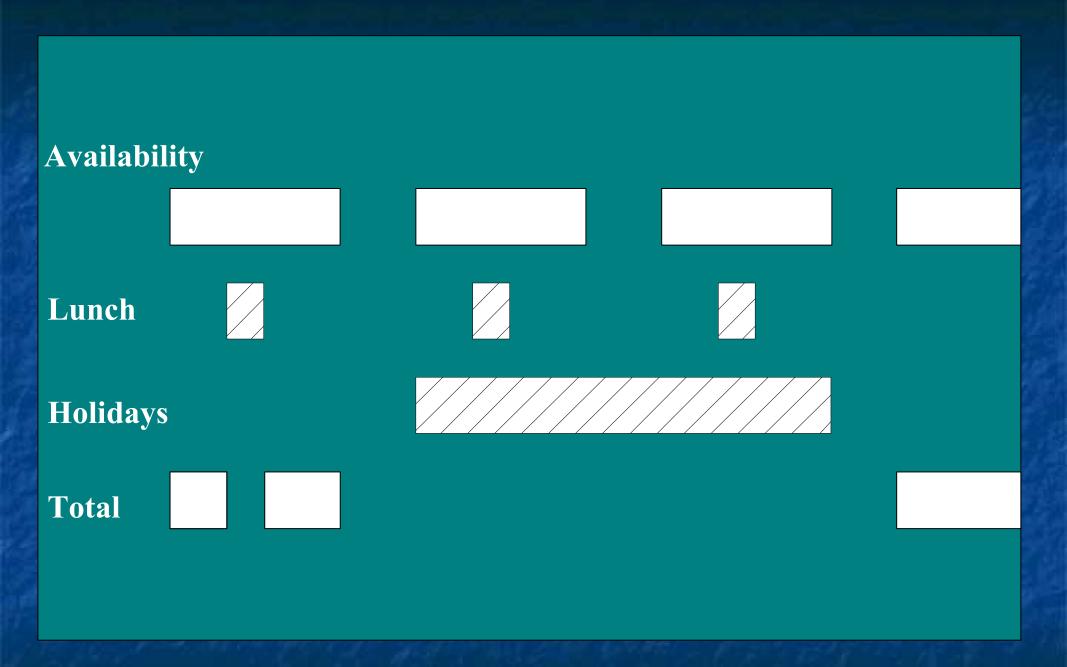
Testing is too complex

Test Driven Design

- For all the tickets in your tracking system
  - Bugs
  - New Features
- You will know when the issue is resolved
- You will make sure the issue stays resolved
- API driven design

I don't have time

I need to know about IoC, mocking, etc

We already have a testing team

Demo : Fragmented Date Range

Summary

- Unit testing
- Test-Driven Design
- Demo
- Questions

Acknowledgments and References

- Acknowledgements
  - Chris Canal
  - Robert Lewis
  - Mike Perrin

- References
  - **xUnit Test Patterns** *by Gerard Meszaros* (Addison-Wesley) ISBN 0131495054
  - **Test-Driven Development By Example** *by Kent Beck* (Addison-Wesley) ISBN 0321146530

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