TDD? I don't have time

Myths about Test-Driven Design

Craig Nicol

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

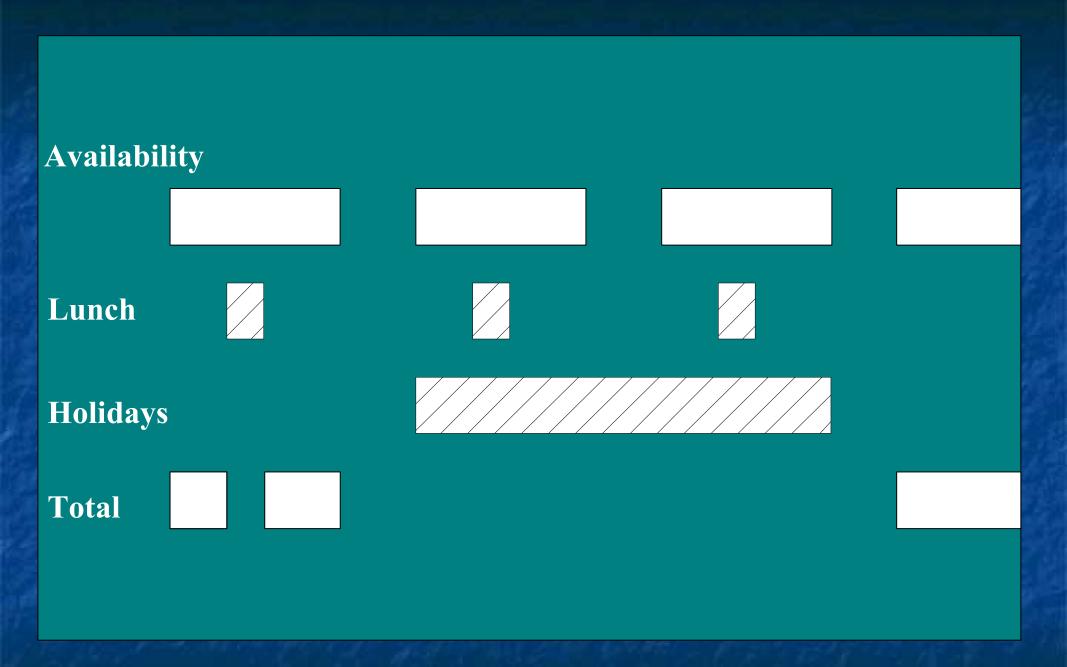
Test Driven Design

- 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

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 (AddisonWesley) ISBN
 0321146530

Contact Details

craig.nicol@bcs.org

http://craignicol.wordpress.com

http://www.twitter.com/craignicol

http://groups.google.com/group/scotaltnet

http://groups.google.com/group/horn-development