

Acceptance Testing with Fit

Randy Coulman

Key Technology

rcoulman@gmail.com

Outline

1. Introduction
 2. How Does Fitness Work?
 3. Common Fixtures
 4. Important Concepts
 5. Tips on Writing Good Tests
 6. Example
 7. Links and References
 8. Q & A
-

Introduction

How Does Fitness Work?

Common Fixtures - FIT

- Column Fixture
 - Action Fixture
 - Row Fixture
-

Common Fixtures - Fitness

- Import Fixture
 - Nicer Column Fixture
 - Table Fixture
-

Common Fixtures - FitLibrary

- SetUp Fixture
 - Calculate Fixture
 - Do Fixture
 - Sequence Fixture
 - Array Fixture
 - Set Fixture
 - Subset Fixture
-

Important Concepts

- ❑ Flow Mode
 - ❑ Using Domain Objects Directly
 - ❑ Symbols
 - ❑ Fixture Arguments
-

Tips on Writing Good Tests

- ❑ Describe/Demonstrate/Develop
 - ❑ Prefer business rule tests (Column/Calculate Fixture) over workflow tests (Action/Do Fixture)
 - ❑ Prefer “Whole Values” over primitive types
 - Need to implement `#=/#hash` and `#fitToString:` (default `#printString`) on the instance side, and `#fitParse:` on the class side
-

Example

Links and References

- ❑ **Fit for Developing Software by Mugridge and Cunningham**
 - ❑ <http://www.cincomsmalltalk.com/CincomSmalltalkWiki/PostgreSQL+Access+Page>
 - ❑ <http://fit.c2.com>
 - ❑ <http://www.fitnessse.org>
 - ❑ <http://www.fitnessse.info>
 - ❑ <http://fitlibrary.sourceforge.net>
 - ❑ <http://www.jamesshore.com/Blog/Agile-Requirements.html>
 - ❑ <http://xp123.com/xplor/xp0601/index.shtml>
 - ❑ <http://www.zibreve.com/>
-

Q & A
