

Object Orientated Integration Testing

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Overview

- Introduction
 - Background, Terms, Brief look at topics
- My Example
- UML and Graphical approaches
- MM Paths and Test Generation

Introduction

- Presumes complete Unit testing.
- What is Integration testing?
- What is it's purpose?
- What approaches does it lend itself to.

Introduction cont'd

- Decomposition
 - Big Bang, Sandwich, Top Down, Bottom Up
- Graphical
 - Pairwise and Neighborhood
- MM Paths

Example

- A Calender in Java
- How it works
- Code

UML In Integration Testing

- What is UML
- What types of diagrams can be useful in generating integration test cases
- Pair-wise approach
- Neighborhood approach

Generating Test Cases

- MM-Paths, what are they and how are they used in integration testing
- Generation of manual test cases
- Automatic generation of test cases