

Swift iOS UI and Unit Testing

INTRODUCTION TO UI AND UNIT TESTING



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Module Introduction

Application Overview

What are UI and Unit Tests?

Testing Efficiently

Setup and Teardown

Demo

An overview of the application we'll be testing.

What Are UI and Unit Tests?

UI Test:

User perspective

Workflows

Unit Test:

Code level tests

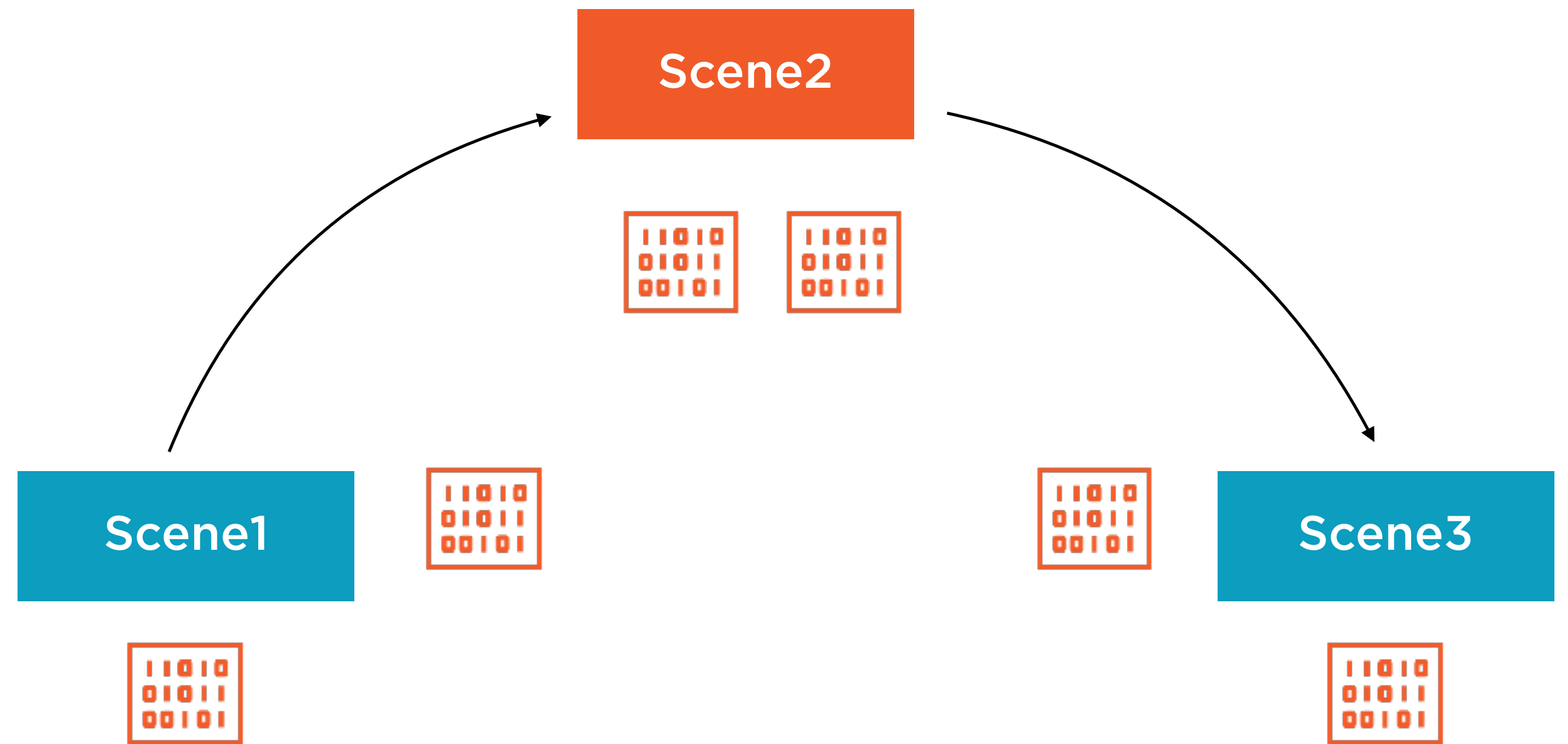
Not dependent on workflows

Usually more than UI tests

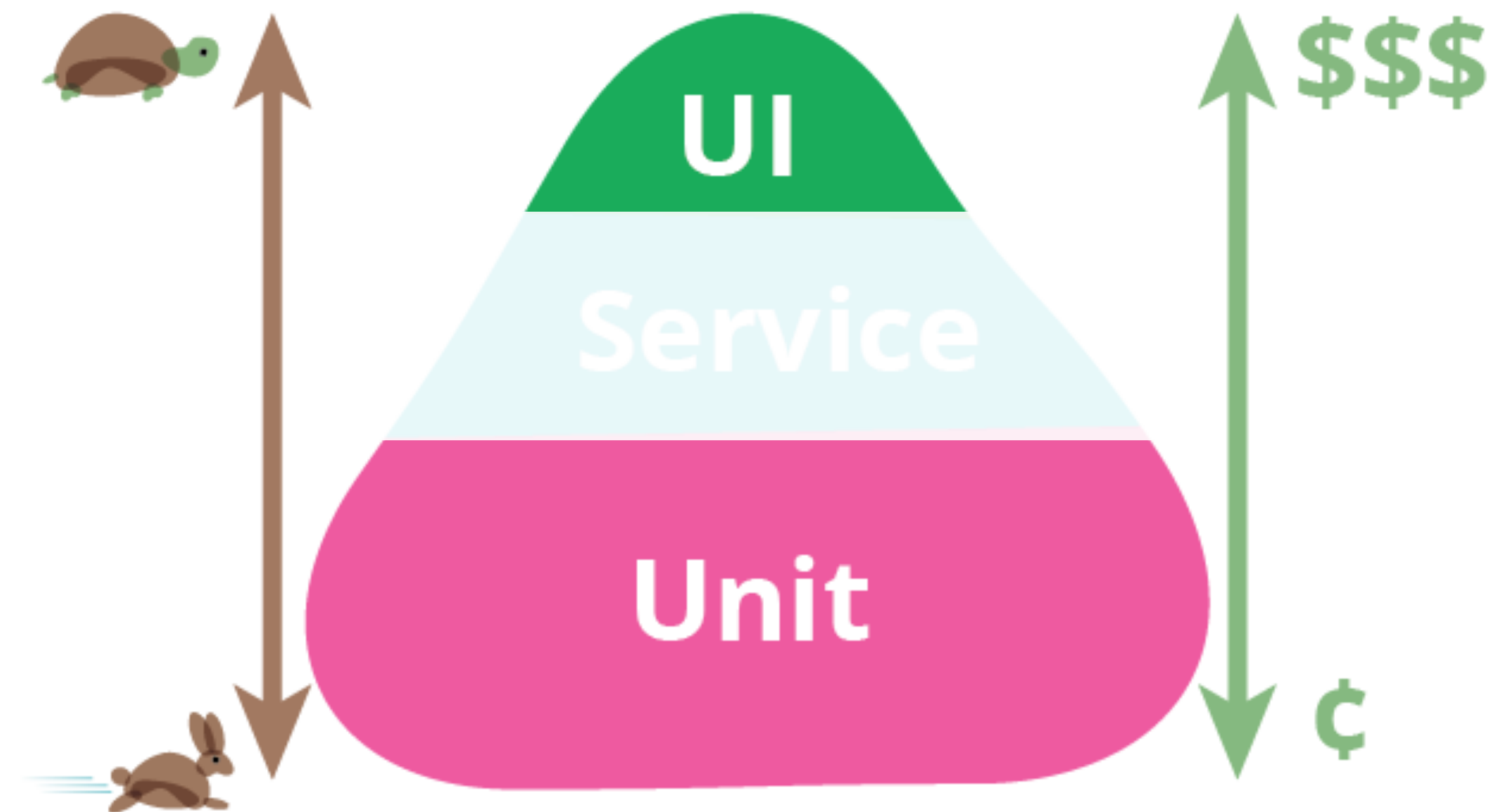


Testing Efficiently

Relation Between UI and Unit Tests



Test Pyramid



source: <https://martinfowler.com/bliki/TestPyramid.html>

Setup and Teardown

Setup() runs before each test run

Teardown() runs after each test run

**Initialization and destruction of global
object**

Summary

Overview of app

UI Tests are user perspective and bigger than...

...unit tests, which are code level

Careful not to create too many UI Tests

Setup() and Teardown() run before and after each test