Swift iOS UI and Unit Testing

INTRODUCTION TO UI AND UNIT TESTING

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
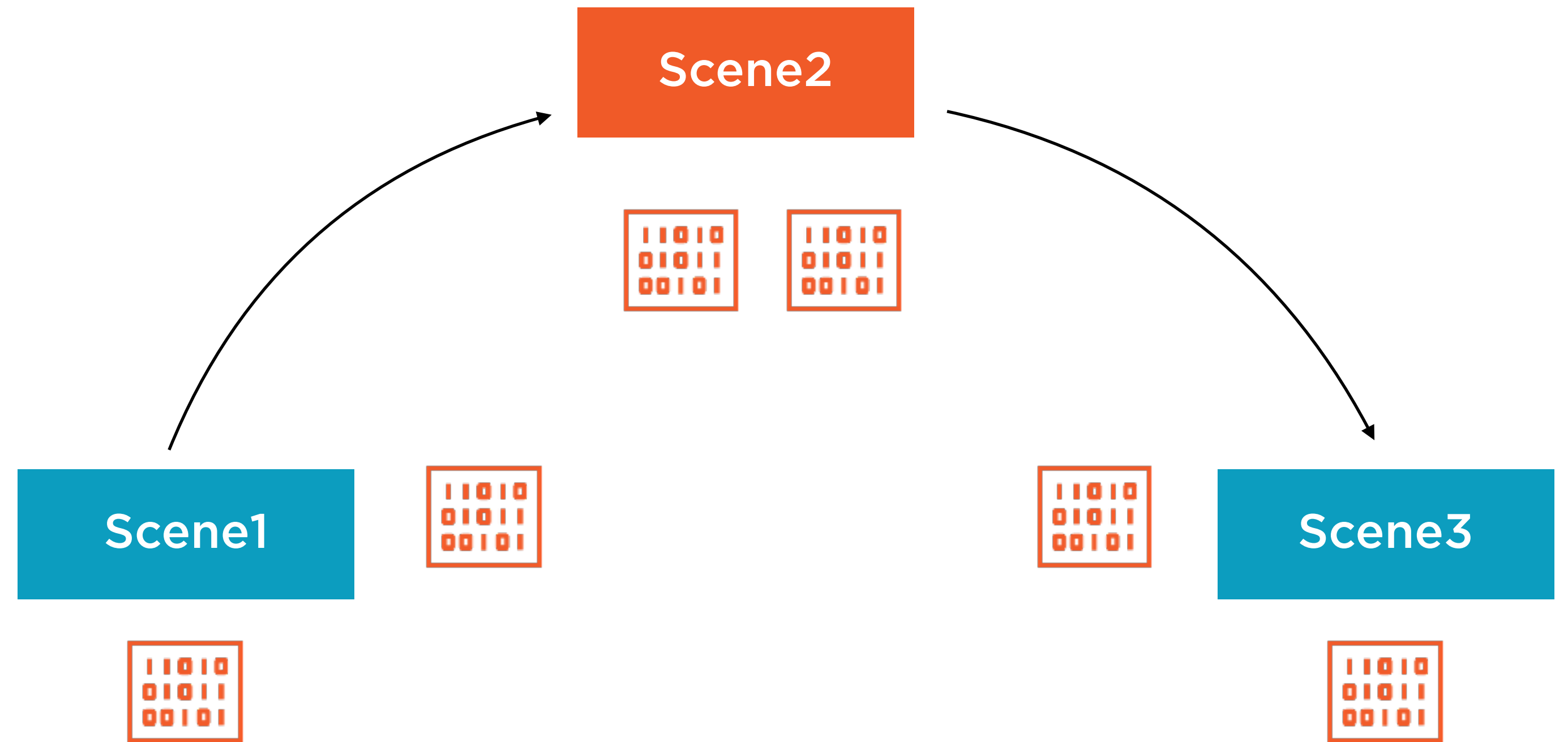
Workflows

Unit Test:

Code level tests

Not dependent on workflows
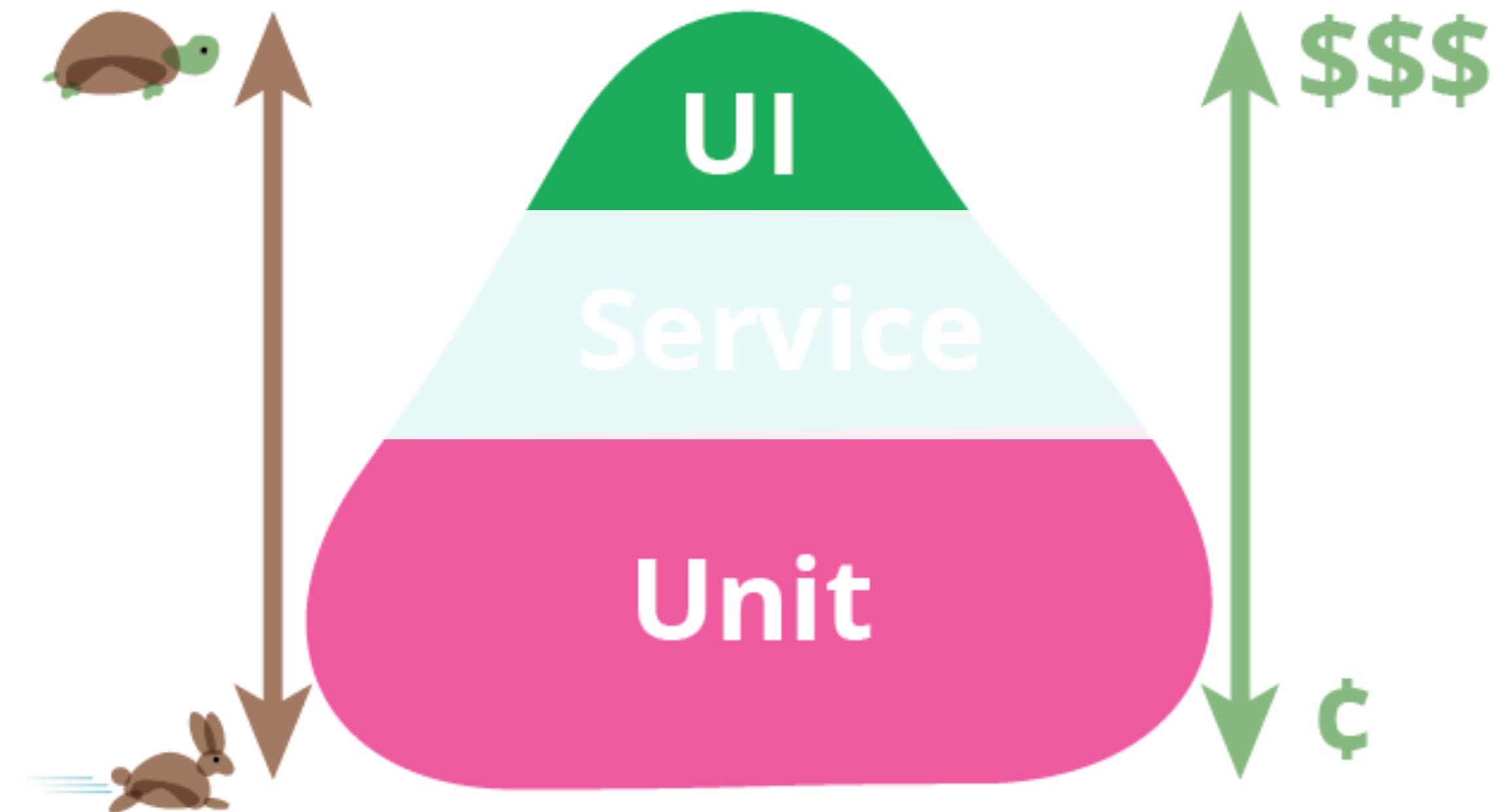
Usually more than UI tests

Testing
Efficiently

Relation Between UI and Unit Tests

Scene1

Scene2

Scene3

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