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Angular Testing Workshop

1 - Introduction

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Angular Testing Workshop

1 - Introduction

About Me

- Rainer Hahnekamp

  ANGULARarchitects.io

- Trainings and Consultancy
- > 20 Years Experience

https://angulararchitects.io/workshops

@RainerHahnekamp

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Goal

- Cover major testing technologies and techniques
- Know when to use them
- Try them out

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Didactics

- Theory (Slides) & Live Coding
- Exercises á 40 minutes
- Discussion of Solutions

- **Your Input**

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Organisational

- 4 Units per Day
- 15 minutes breaks
- 1 hour lunch break from 12.30 - 13.30

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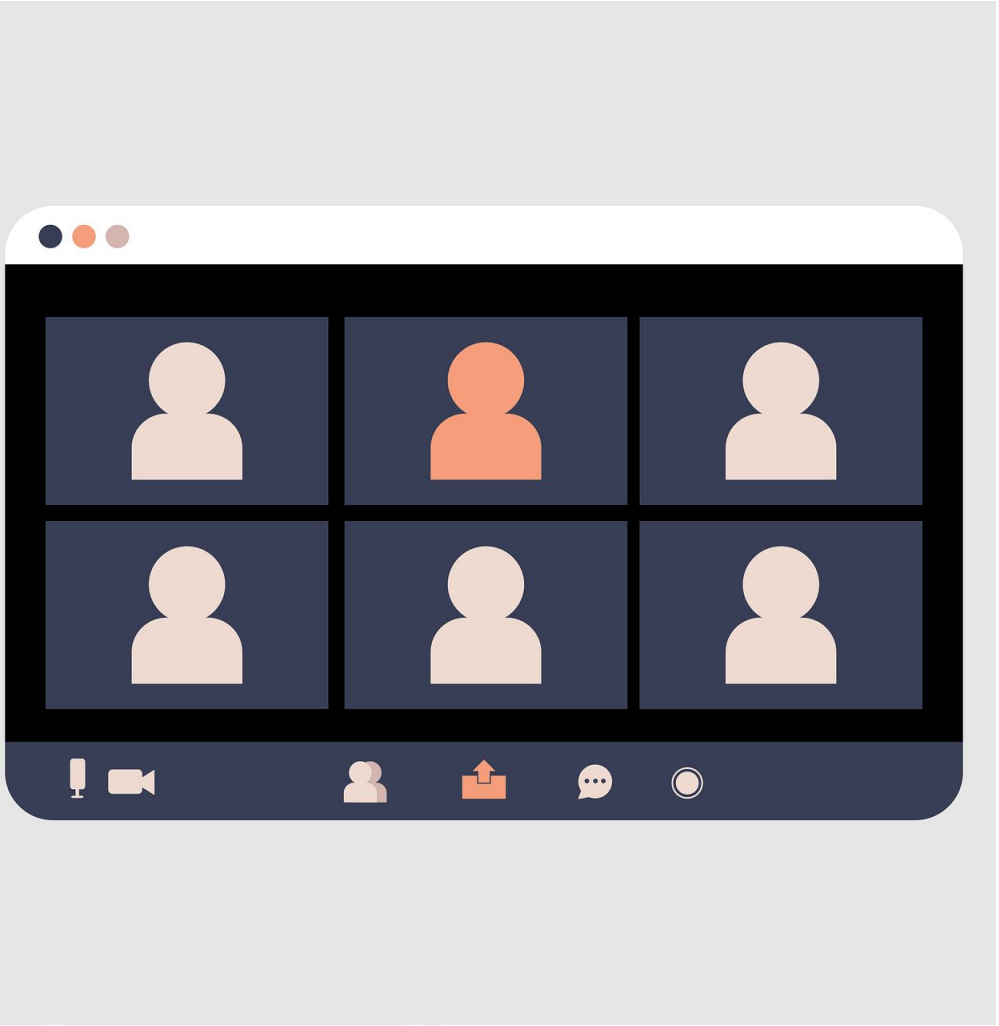

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Introduction Round

Agenda

Part 1

- Introduction
- Asynchronity & Mocking
- RxJs Marbles
- Component & Integration Tests
    a. Basics: TestBed
    b. Advanced
        i. Mocking Components
        ii. Test Setup
        iii. Harnesses

Part 2

- Testing Strategies
- End-to-End Tests
    - Basic
    - Advanced
- Visual Regression
- Storybook

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Integration Tests

State-Driven Tests

Sociable Tests

Behaviour-Driven Tests

Isolated Tests

Component Tests

Solitary Tests

Unit Tests

Integrated Tests

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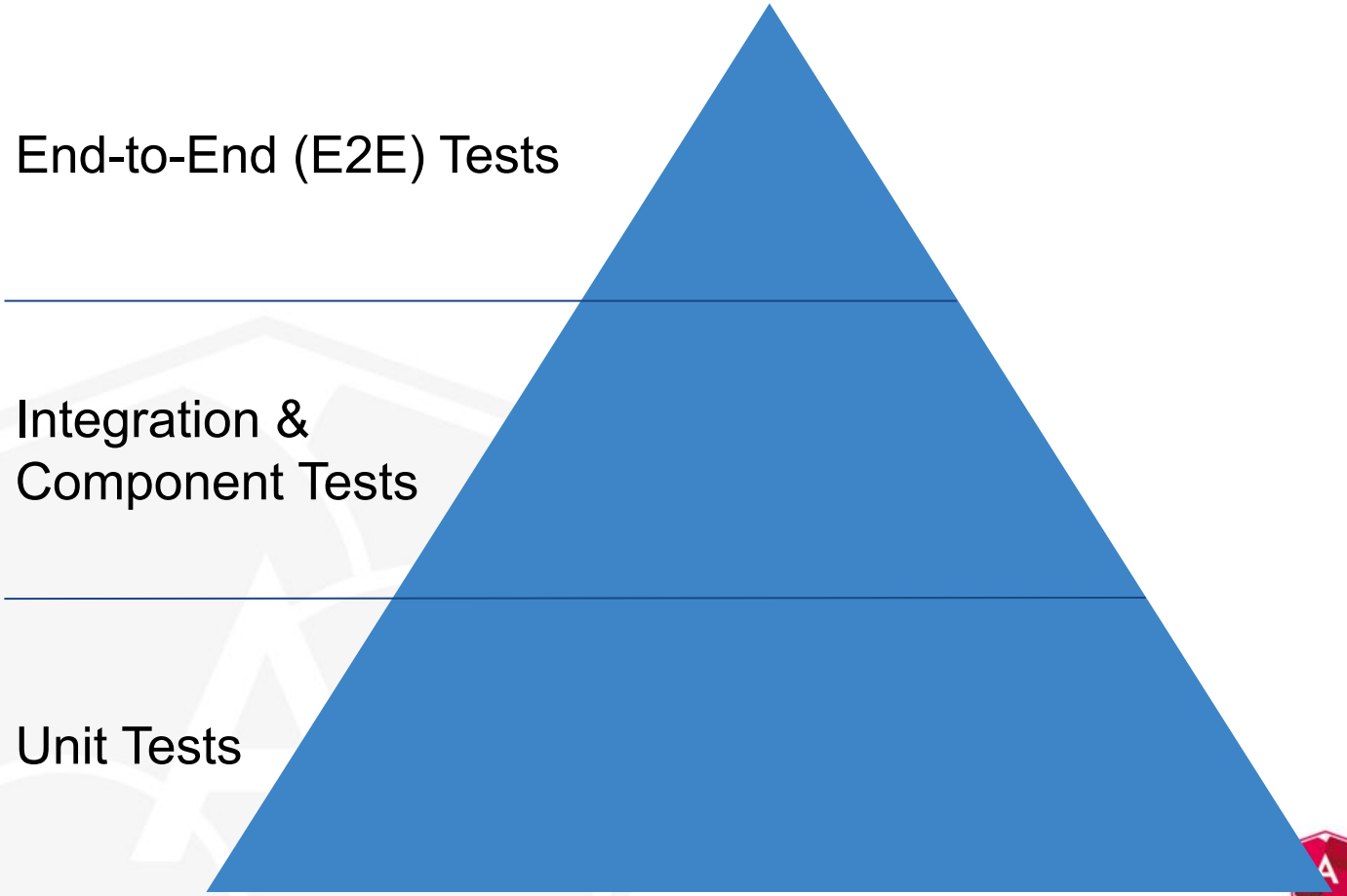

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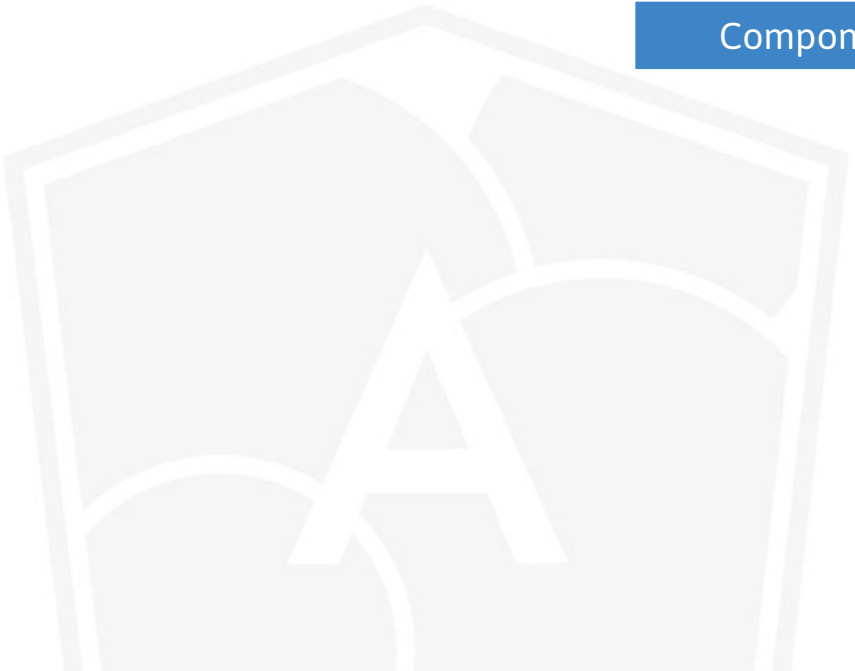
Component



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Component

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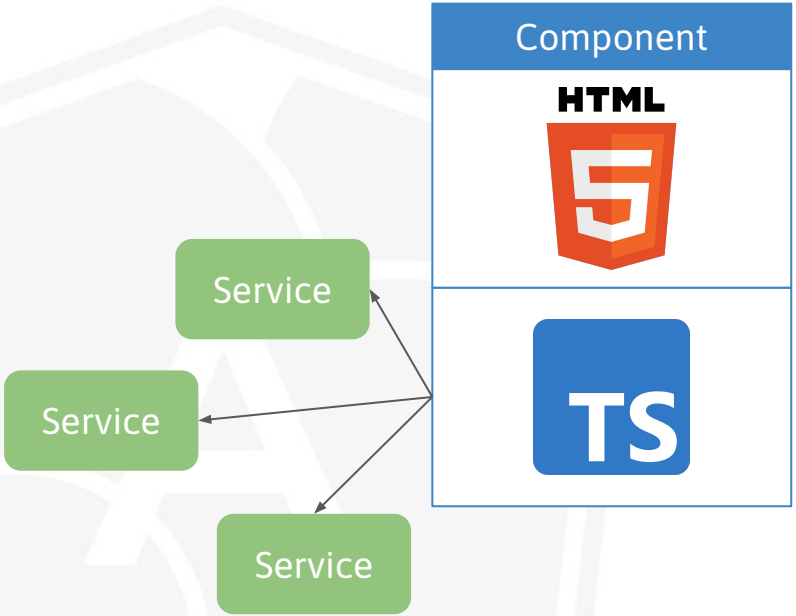

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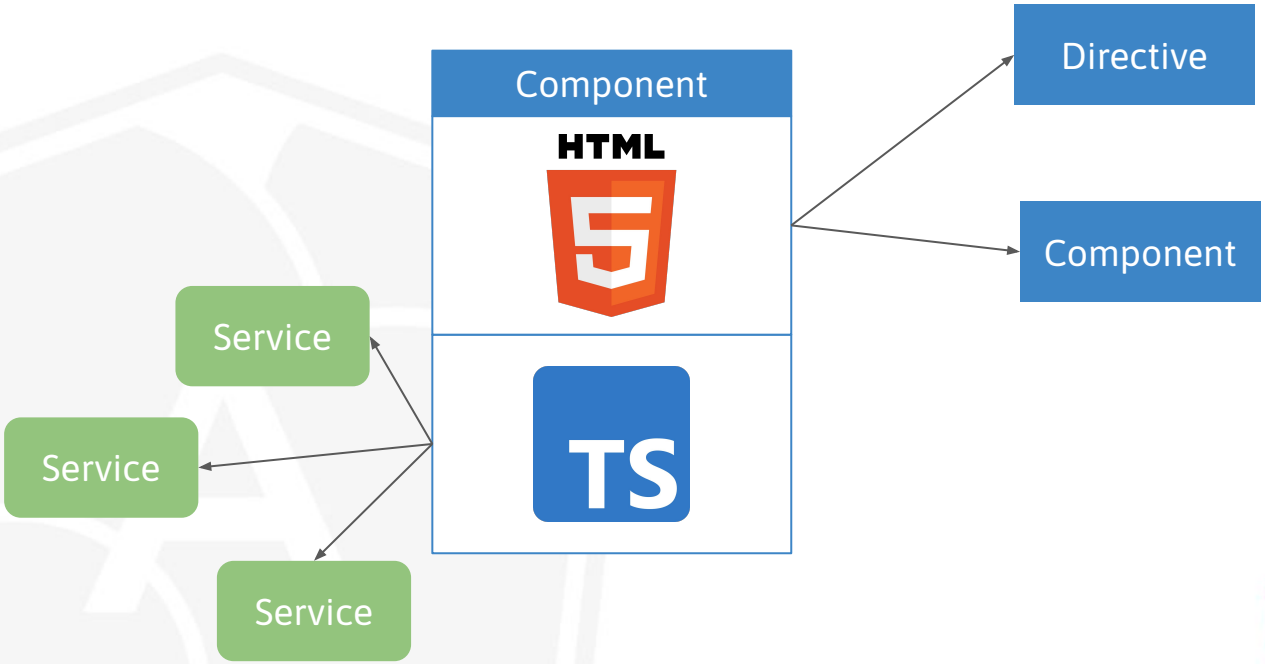

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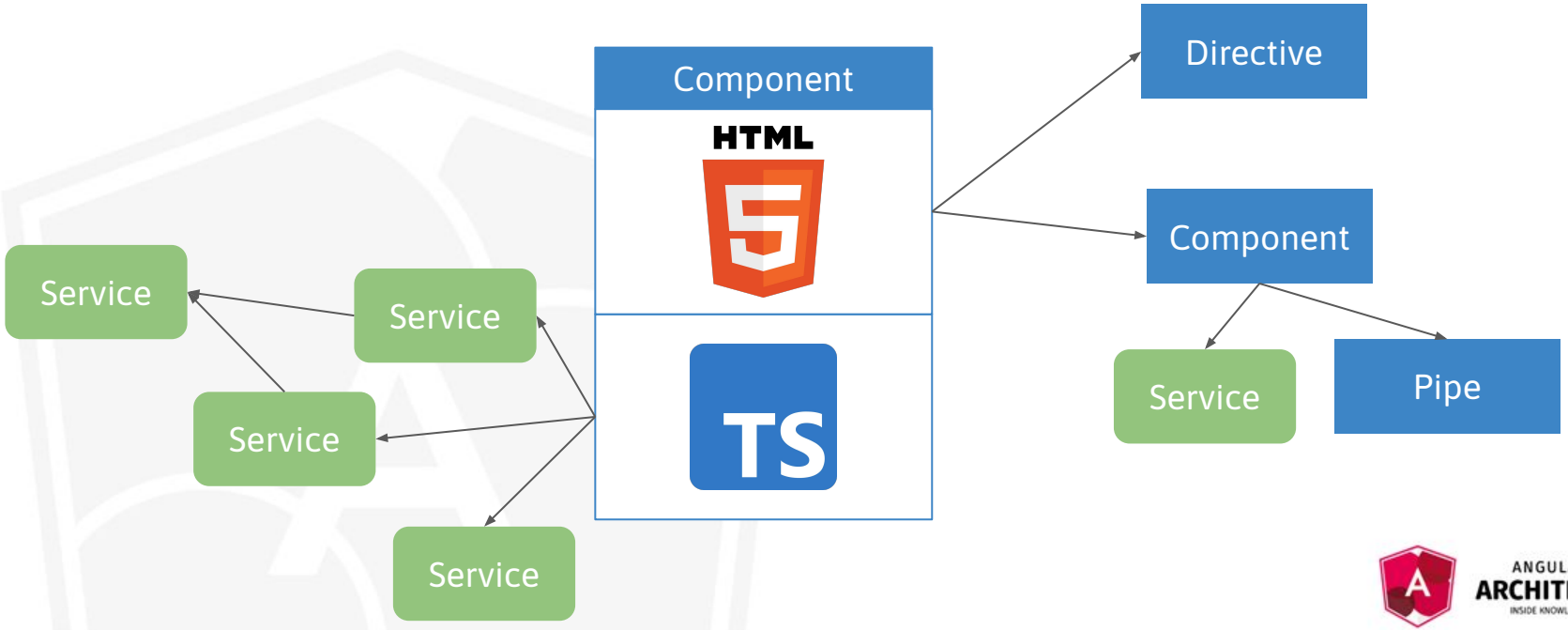
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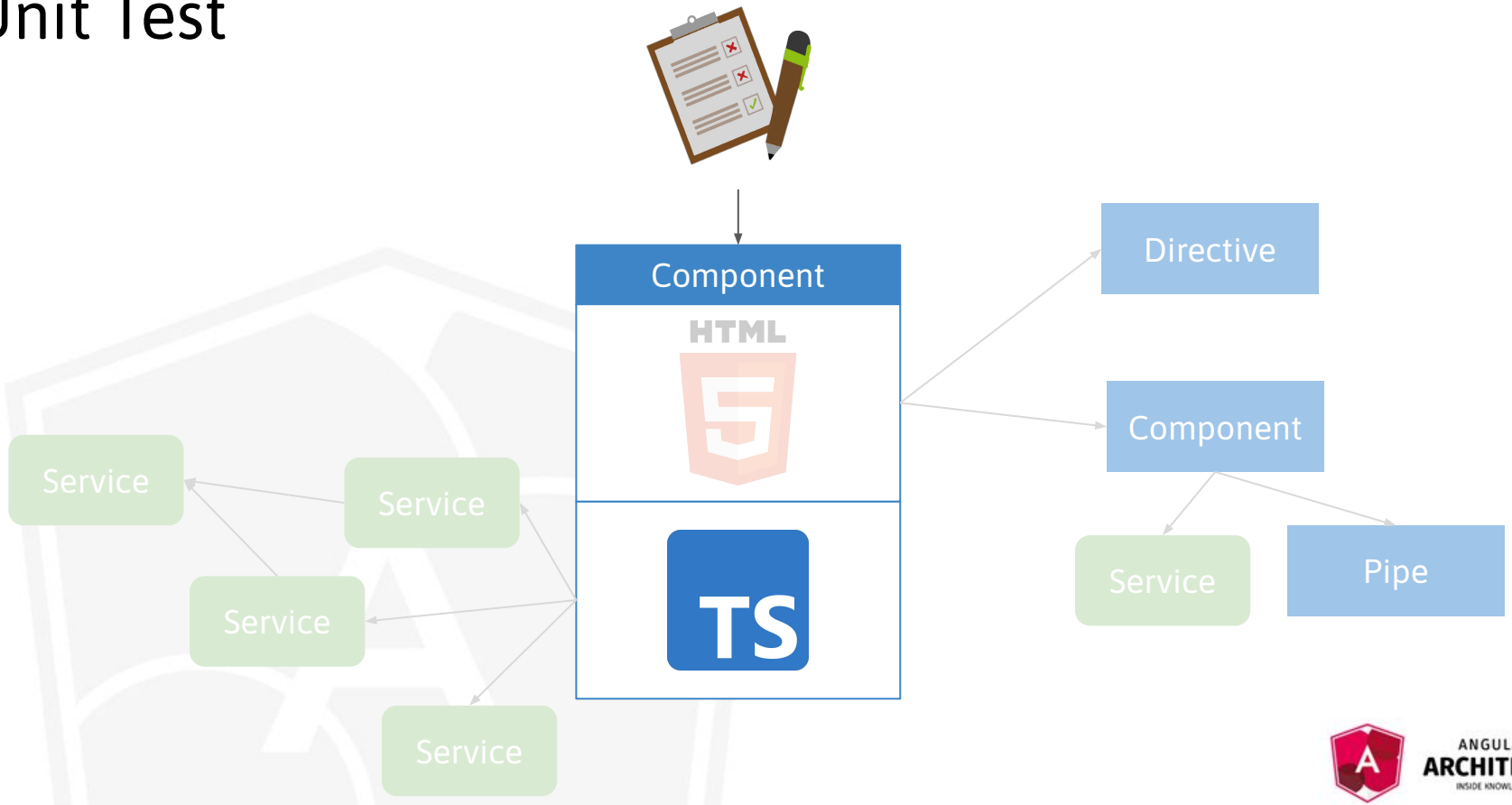
Unit Test



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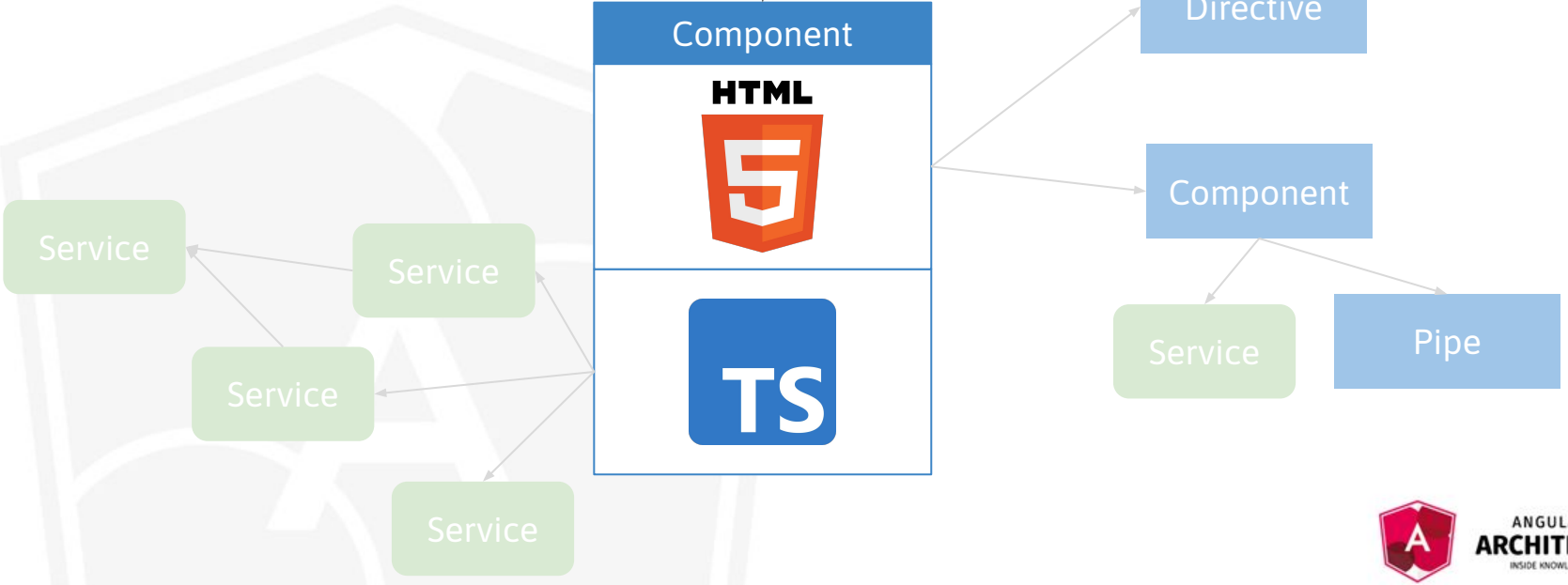
~Component Test



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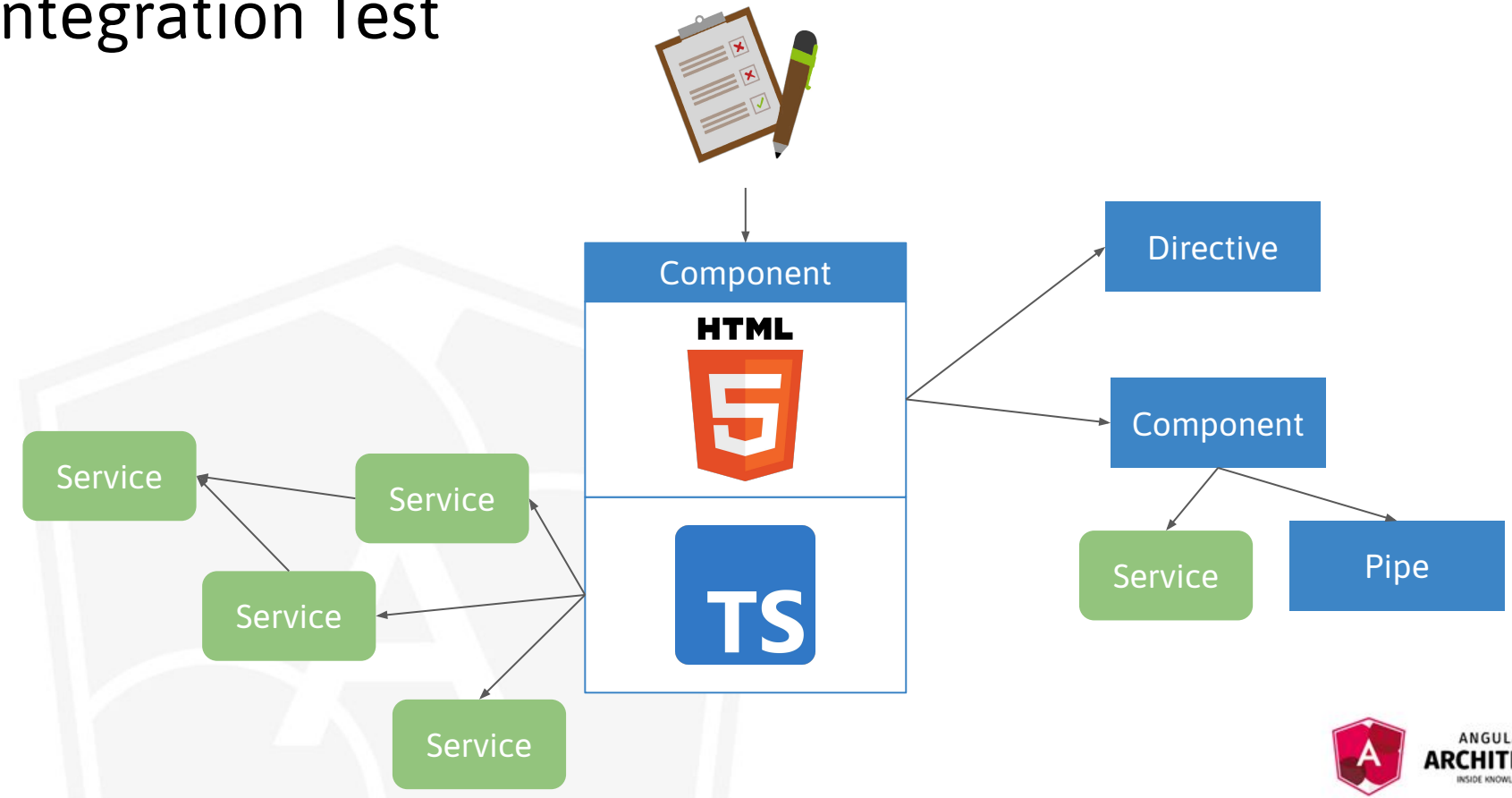
Integration Test



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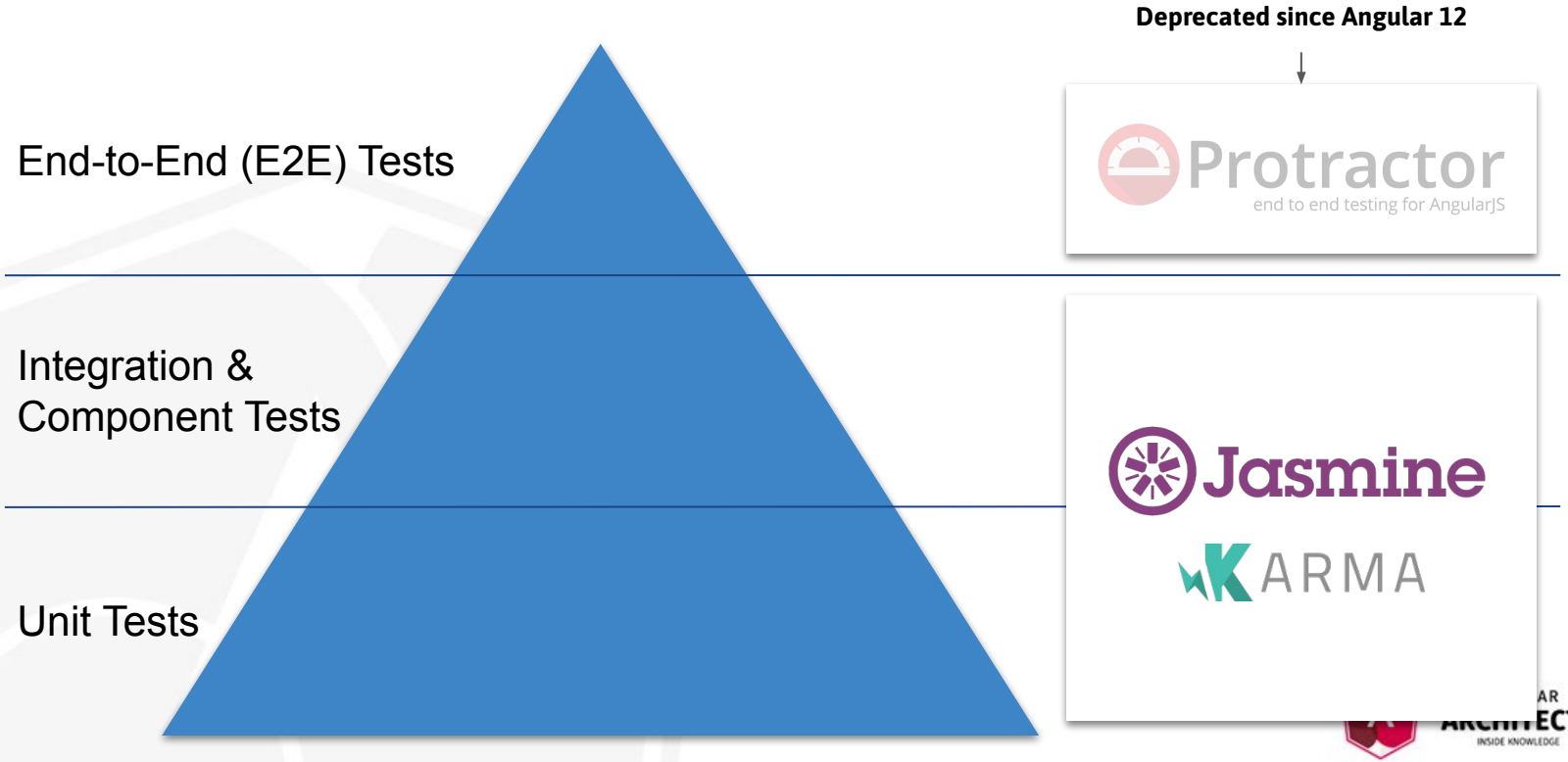
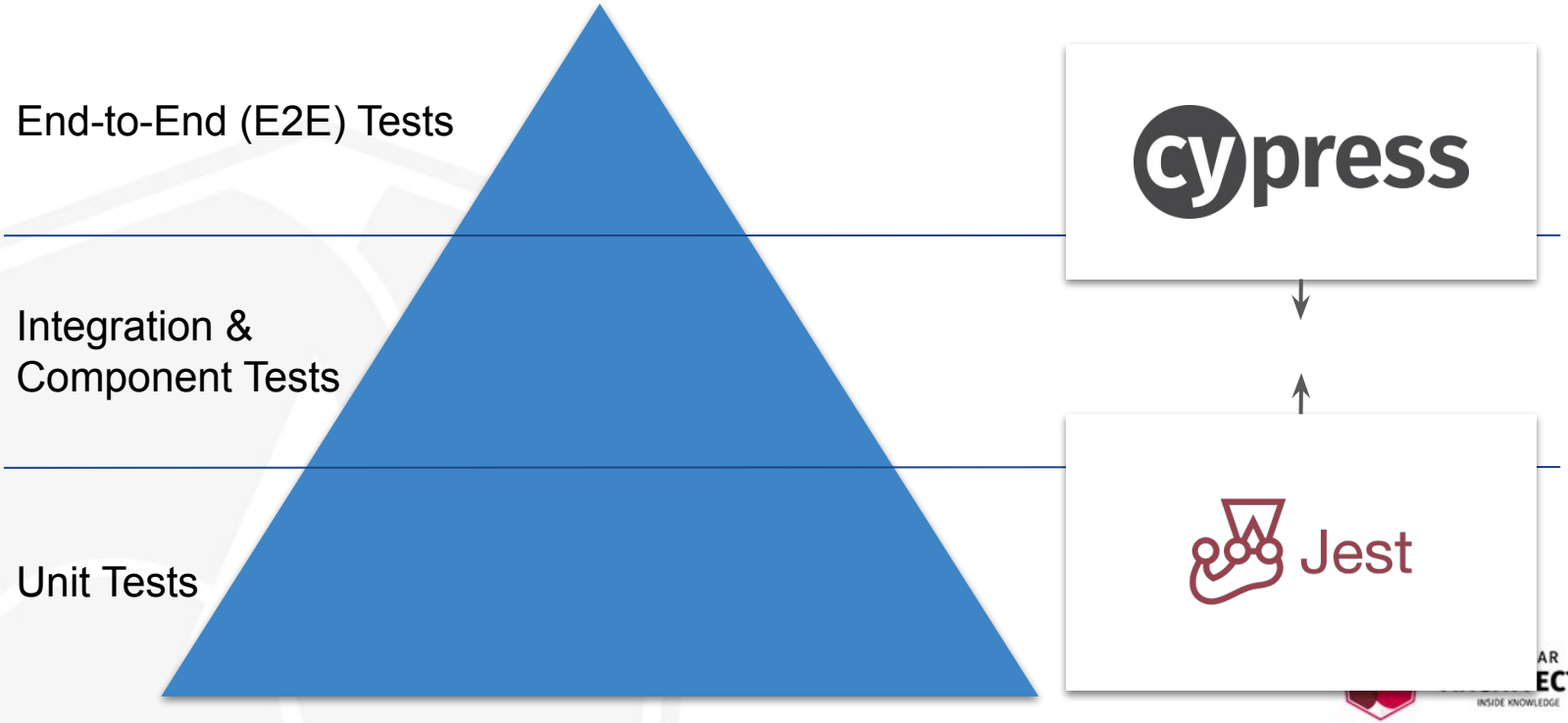
The "Official" Version



The "Better" Version



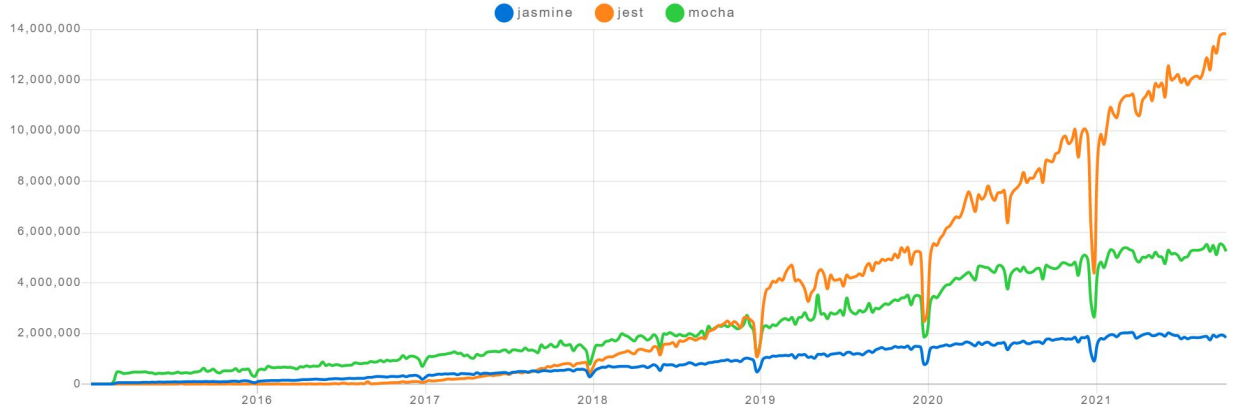
npm trends

jasmine vs jest vs mocha

Enter an npm package...

jasmine × jest × mocha × + ava + qunit + chai + should + expect

Downloads in past All time



Stats

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jasmine	346	7	3.10.0	10 days ago	7 years ago	minzipped size 38.7 KB
jest	36,365	1,616	27.3.1	5 days ago	10 years ago	bundlephobia timeout
mocha	20,721	257	9.1.3	8 days ago	10 years ago	minzipped size 63.4 KB

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