

Exploring Common Matchers



Gabriel McNeilly

QA Automation Lead

@gmcneilly software-tester.io

Matchers



Functions that act as assertions



Fluent and intuitive e.g. `expect(getUnicorn()).toBeUndefined()`



Well-documented: <https://jestjs.io/docs/expect#methods>





Module Overview

To be or not to be

Testing equality

Using pattern matching

Testing truthiness & falsiness

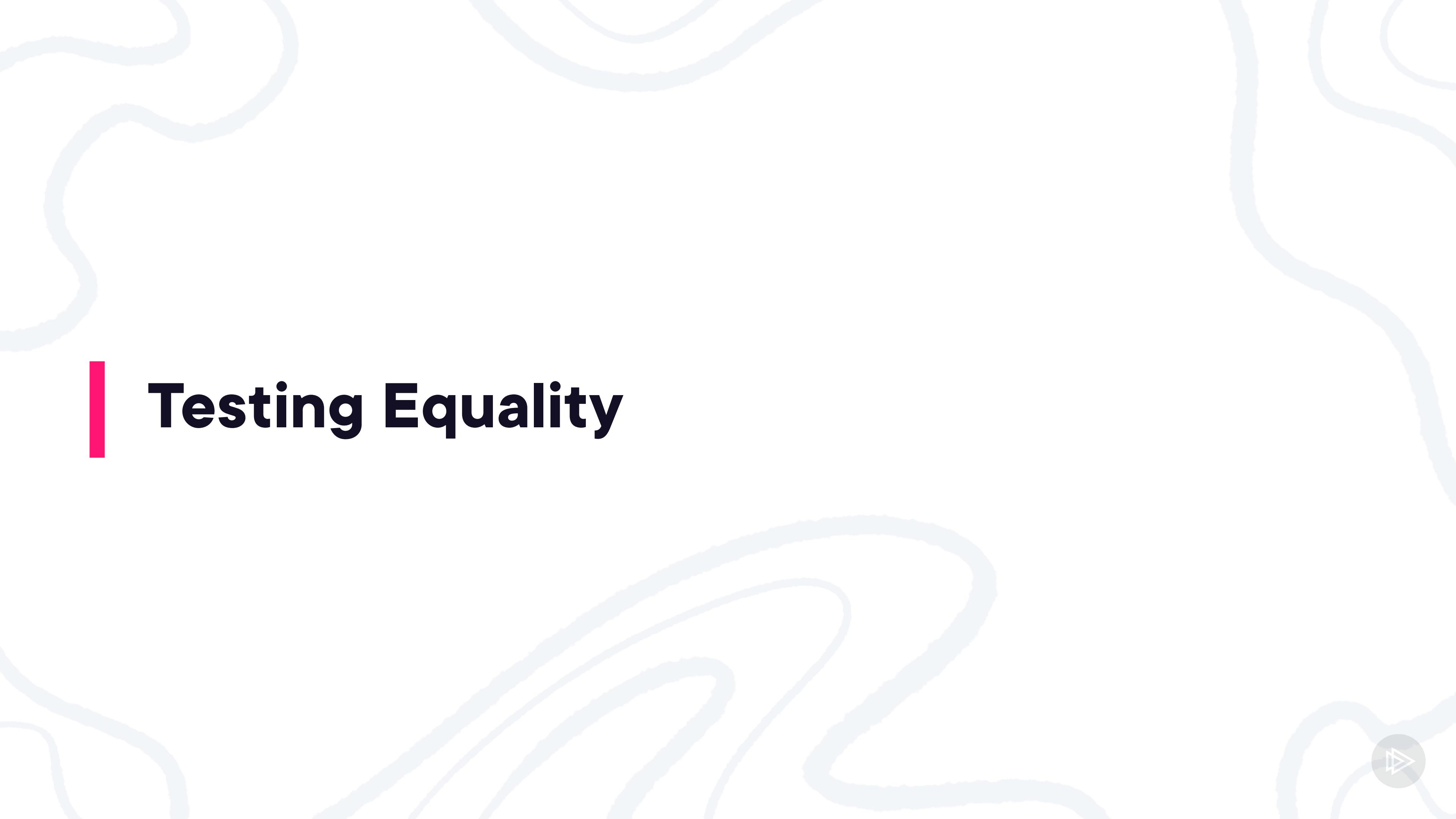
Testing errors





To Be or Not to Be





Testing Equality



toStrictEqual



Keys with undefined properties are checked
e.g. {a: undefined, b: 1} & {b: 1}



Array sparseness is checked
e.g. [2,] & [2, undefined]



Object types are checked



Using Pattern Matching



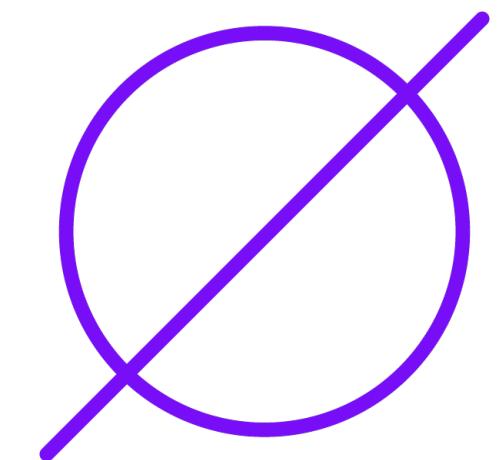
Why Use Pattern Matching?

{JSON}

Large Object



Unknown return value



Full return value does
not matter



| Testing Truthiness & Falsiness

Falsy Values

false

0

''

null

undefined

NaN



Testing Errors



Key Takeaways

Testing equality

- toBe
- toEqual
- ToStrictEqual

Using pattern matching

- toContain
- toMatch

Testing truthiness & falsiness

- There are 6 falsy values in JS
- toBeTruthy & toBeFalsy
- More specific matchers available

Testing errors

- toThrow

