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Enzyme cheatsheet

Introduction

Mountir

Enzyme lets you write unit tests for React components. This guide covers Enzyme 3.x

```
import
```

Enzyme website
(enzymejs.github.io)

```
wrap =
```

```
wrap =
```

Shallow compon

Debugging

Sha

```
console.log(wrap.debug())
```

Shows HTML for debugging purposes.

See: debug()

♯ Examples

Basic example

```
import { shallow } from 'enzyme'
import MyComponent from '../MyComponent'


it('works', () => {
  const wrap = shallow(
    <MyComponent name='Groot' />
  )
```

Props and state

Setting

```
wrap.setProps({ name: 'Moe' })
wrap.setState({ show: true })
```

Asserting

```
expect(
  wrap.find('button').text()
).toEqual('Submit')
```

Use .find() to traverse down to nodes. It will return wrapper o

```
wrap.find('input').simulate('click
```

With event object props

```
wrap.find('input').simulate('chang
  target: { value: 'hello' }
})
```

♯ Installing

Initial setup   Jest sna

```
npm install --save-dev enzyme \
  enzyme-adapter-react-16 \
  react-test-renderer
```

```
npm ins
```

test/setup.js

package.j

```
import Enzyme from 'enzyme'
import Adapter from 'enzyme-adapter-react-16'

Enzyme.configure({ adapter: new Adapter() })
```

```
"jest":
  "snap
    "er
  ]
}
```

package.json

Test

```
"jest": {
  "setupFiles": [
    "test/setup.js"
  ]
}
```

```
it('wor
  wrap
  expec
})
```

Optiona

This configures Enzyme for React v16, and Jest to automatically configure Enzyme for you. There

other adapters in Enzyme's installation instructions.

See: enz

See: Installation

⌗ ReactWrapper

Traversing

```
wrap.find('button')   // → ReactWrapper
wrap.filter('button') // → ReactWrapper
wrap.not('span')      // → ReactWrapper (inverse of filter())
wrap.children()       // → ReactWrapper
wrap.parent()         // → ReactWrapper
wrap.closest('div')   // → ReactWrapper
wrap.childAt(0)       // → ReactWrapper
wrap.at(0)            // → ReactWrapper
wrap.first()          // → ReactWrapper
wrap.last()           // → ReactWrapper
```

```
wrap.get(0)           // → ReactElement
wrap.getElement()     // → ReactElement
wrap.getElements()    // → Array<ReactElement>
wrap.getDOMNode()     // → DOMComponent
```

See: Full rendering API

Mount

```
wrap.mount()
wrap.unmount()
wrap.update()       // calls forceUpdate()
```

Actions

```
wrap.si
```

React co

```
wrap.se
wrap.se
wrap.se
```

```
wrap.st
wrap.pr
wrap.cc
```

```
wrap.st
wrap.pr
wrap.cc
```

```
wrap.ir
```

Tests

```
wrap.de
wrap.ht
wrap.te
wrap.ty
wrap.na
wrap.is
wrap.ha
wrap.ex
wrap.cc
wrap.cc
wrap.sc

wrap.sc

wrap.cc
wrap.cc
wrap.cc
```

♯ References

Enzyme website (airbnb.io)
Enzyme v2 cheatsheet (devhints.io) (old version)

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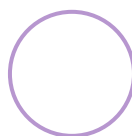
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