



Enzyme Cheatsheet

A cheatsheet containing Enzyme code snippets.

Contributions are welcome!

Finding Elements

You can use `find` in place of `ReactTestUtils'`

`scryRenderedDOMComponentsWithTag` ,
`scryRenderedDOMComponentsWithClass` and
`scryRenderedComponentsWithType` .

Find element(s) using CSS selectors:

```
const wrapper = shallow(<MyComponent />);

wrapper.find('.by-classname');
wrapper.find('#by-id');
wrapper.find('div');
wrapper.find('[htmlFor="input"]');
```

Find element(s) by constructor or display name:

```
const wrapper = shallow(<MyComponent />);

wrapper.find(Button);
wrapper.find('Button');
```

Find element with object properties:

```
const wrapper = shallow(<MyComponent />);
const img = wrapper.find({src:
  '/image.png'});

expect(img.length).toBe(1);
```

Find the first/last element:

```
const wrapper = shallow(<MyComponent />);
const firstElement =
wrapper.find(Element).first();
const lastElement =
wrapper.find(Element).last();

expect(firstElement.text()).toBe('First
Element');
expect(lastElement.text()).toBe('Last
Element');
```

Find the nth element:

```
const wrapper = shallow(<MyComponent />);
const thirdElement =
wrapper.find(Element).at(2); // zero-
based index

expect(thirdElement.text()).toBe('Third
Element');
```

Testing State

Get component state:

```
const wrapper = shallow(<MyComponent />);

expect(wrapper.state().foo).toBe(bar);
// or
expect(wrapper.state('foo')).toBe(bar);
```

Set component state:

```
const wrapper = shallow(<MyComponent />);

wrapper.setState({ name: 'bar' });
```

Testing Props

Get prop value:

```
const wrapper = shallow(<MyComponent
foo={10} />);

expect(wrapper.prop('foo')).toEqual(10);

// or
expect(wrapper.props().foo).toEqual(10);
```

Testing Component Methods

```
const wrapper = shallow(<ButtonComponent />);

wrapper.instance().handleClick();
```

Check if element has className:

```
const wrapper = shallow(<MyComponent />);
const button =
wrapper.find(Button).first();

expect(button.hasClass('btn')).toBe(true);
```

Setting input field to test form submit:

```
wrapper.find('#my-input').node.value =
'abc';
form.simulate('submit');

expect(spy).toHaveBeenCalledWith('abc');
```

