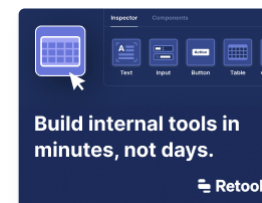


# Jasmine cheatsheet



**Connect to any database or API,**  
and drag & drop React components.  
Write JavaScript to customize.

ads via Carbon

## Writing tests

```
describe('A suite', () => {  
  it('works', () => {  
    expect(true).toBe(true)  
  })  
})
```

Note: This cheatsheet may be a little outdated. Also see the [Jest cheatsheet](#).  
Jest uses Jasmine, and therefore has similar API.

## Hooks

```
beforeEach(() => {  
  ...  
})
```

```
afterEach(() => {  
  ...  
})
```

## Expectations

```
expect(true).toBe(true)  
expect(true).not.toBe(true)
```

```
expect(a).toEqual(bar)
```

```
expect(message).toMatch(/bar/)  
expect(message).toMatch('bar')
```

```
expect(a.foo).toBeDefined()  
expect(a.foo).toBeUndefined()  
expect(a.foo).toBeNull()
```

```
expect(a.foo).toBeTruthy()  
expect(a.foo).toBeFalsy()
```

```
expect(message).toContain('hello')
```

```
})
```

## Pending

```
xit('this is a pending test', () => {
  ...
})
```

```
xdescribe('this is a pending block', () => {
  ...
})
```

## Creating spies

```
stub = jasmine.createSpy('stub')
stub('hello')
```

```
expect(stub.identity).toEqual('stub')
expect(stub).toHaveBeenCalled()
```

## HTML runner

```
var jasmineEnv = jasmine.getEnv()
jasmineEnv.updateInterval = 250

var htmlReporter = new jasmine.HtmlReporter()
jasmineEnv.addReporter(htmlReporter)
```

```
expect(pi).toBeGreaterThan(3)
expect(pi).toBeLessThan(4)
expect(pi).toBeCloseTo(3.1415, 0.1)
```

```
expect(func).toThrow()
```

## Spies

```
spyOn(foo, 'setBar')
spyOn(foo, 'setBar').andReturn(123)
spyOn(foo, 'getBar').andCallFake(function() { return
foo.setBar(123)
```

```
expect(foo.setBar).toHaveBeenCalled()
expect(foo.setBar).toHaveBeenCalledWith(123)
expect(foo.setBar.calls.length).toEqual(2)
expect(foo.setBar.calls[0].args[0]).toEqual(123)
```

## Async

```
test('works with promises', () => {
  return new Promise((resolve, reject) => {
    ...
  })
})
```

Make your test return a promise.

```
$(function() { jasmineEnv.execute() })
```

## ‡ Jasmine jQuery

### Expectations

```
expect($('#id')).toBe('div')  
expect($('input[type=checkbox]')).toBeChecked()  
expect($('input[type=checkbox]')).toBeDisabled()  
expect($('input[type=checkbox]')).toBeFocused()  
expect($('#menu ul')).toBeEmpty()
```

```
expect($('#toolbar')).toBeHidden()  
expect($('#toolbar')).toBeVisible()
```

```
expect($('#popup')).toHaveCss({ margin: "10px" })  
expect($('option')).toBeSelected()
```

```
expect($('.foo')).toExist()
```

```
expect($('a')).toHaveAttr('rel')  
expect($('a')).toHaveAttr('rel', 'nofollow')
```

```
expect($('a')).toHaveClass('rel')  
expect($('a')).toHaveId('home')
```

### Event spies

```
spyOnEvent($('#some_element'), 'click')  
$('#some_element').click()  
expect('click').toHaveBeenPreventedOn($('#some_eleme  
expect('click').toHaveBeenTriggeredOn($('#some_eleme
```

```
expect($('a')).toHaveHtml('<span></span>')  
expect($('a')).toContainHtml('<span></span>')  
expect($('a')).toHaveText('hi')
```

```
expect($form).toHandle('submit') // event  
expect($form).toHandleWith('submit', onSubmit)
```

See: [jasmine-jquery](#)

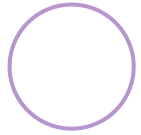
## References

Also see the [Jest cheatsheet](#). Jest uses Jasmine, and therefore has similar API.

<https://jasmine.github.io>

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