

# Testing Interface API

## Mocha

describe  
it

before / beforeEach, after / afterEach

## Chai (BDD assertion style)

expect( ... ). ...

... .should. ...

## Chains

- to
- be
- been
- is
- that
- and
- have
- with
- at
- of
- same

## **.not : negation of any following assertion**

```
expect(foo).to.not.equal('bar');  
foo.should.not.be.equal('bar');
```

## **.a(type) | .an(type) : assert a value type**

```
expect(arr).to.be.an('array');  
arr.should.be.an('array');
```

**.include(value) | .contains(value) : inclusion of a property (object), entry (array) or a substring (string)**

```
expect('toll').to.include('ll');  
'toll'.should.contain('ll');
```

**.ok : target is truthy**

```
expect(true).to.be.ok;  
(false).should.not.be.ok;
```

**.true : target is true || .false: target is false**

```
Expect( true ).to.be.true;  
(false).should.be.false;
```

**.null : target is null || .undefined: target is undefined**

**.exist**

**.empty**

**.arguments**

**.equal(value)**

**.eq(value)**

**.above(value)**

**.least(value)**

**.below(value)**

**.most(value)**

**.within(start, finish)**

**.instanceof(constructor)**

**.property(name, [value])**

**.ownProperty(name)**

**.length(value)**

**.match(regex)**

**.string(string)|| not necessary as got include/contains**

**.keys(key1, [key2], [...])**

**.throw(constructor)**

**.respondTo(method)**

**.itself**

**.satisfy(method)**

**.closeTo(expected, delta)**

**.members**

// just sum up the most used one (!= arguments etc.)

// less common used

**.deep**