

Vitest

Quelle

vitest.dev

Installation

```
npm install -D vitest
npm install -D @vitest/coverage-v8
```

package.json

```
"scripts": {
  "test": "vitest",
  "coverage": "vitest run --coverage"
}
```

Starten

```
npm test
npm run coverage
```

sum.js

```
export const sum = (a, b) => {
  return a + b
}
```

sum.test.js

```
import { describe, expect, test } from 'vitest'
import { sum } from './sum'

// Test suite
describe('sum test', () => {
  // Test case 1
  test('1 + 2 = 3', () => {
    expect(sum(1, 2)).toBe(3)
  });

  // Test case 2
  test('0.1 + 0.2 = 0.3', () => {
    expect(sum(0.1, 0.2)).toBeCloseTo(0.3)
  });
});
```

Matcher

```
.toBe()           // === für ganze Zahlen
.toBeCloseTo()   // für Kommazahlen
.toEqual()       // == für Arrays und Objekte
.toStrictEqual() // == für Arrays und Objekte
```