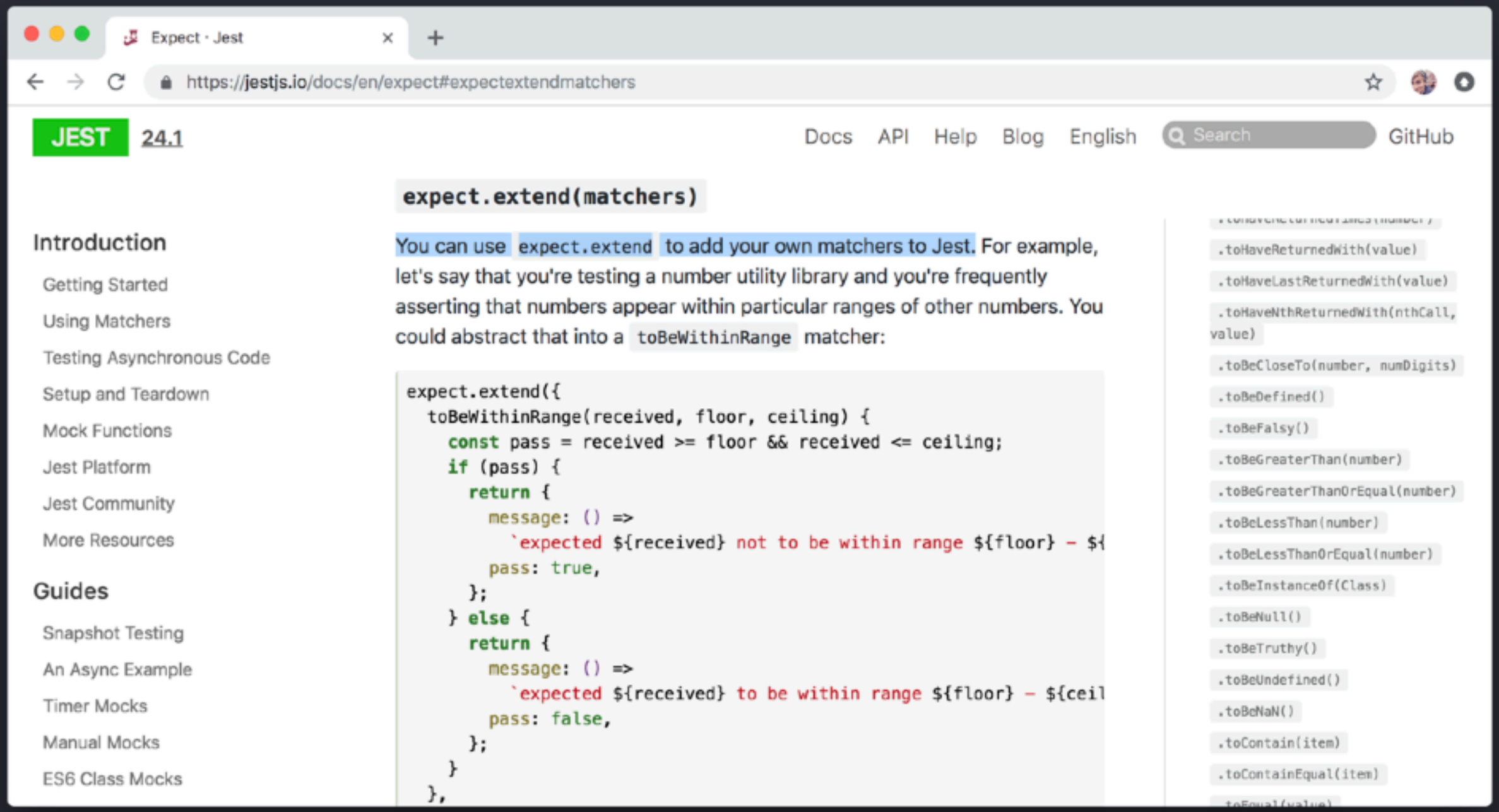
expect.extend


Expect · Jest
https://jestjs.io/docs/en/expect#expectextendmatchers
JEST 24.1
Docs API Help Blog English
Search
GitHub
Introduction
Getting Started
Using Matchers
Testing Asynchronous Code
Setup and Teardown
Mock Functions
Jest Platform
Jest Community
More Resources
Guides
Snapshot Testing
An Async Example
Timer Mocks
Manual Mocks
ES6 Class Mocks
expect.extend(matchers)
You can use expect.extend to add your own matchers to Jest. For example, let's say that you're testing a number utility library and you're frequently asserting that numbers appear within particular ranges of other numbers. You could abstract that into a toBeWithinRange matcher:
expect.extend({
toBeWithinRange(received, floor, ceiling) {
const pass = received >= floor && received <= ceiling;
if (pass) {
return {
message: () =>
`expected ${received} not to be within range ${floor} - ${
pass: true,
};
} else {
return {
message: () =>
`expected ${received} to be within range ${floor} - ${ceil
pass: false,
};
}
},
.toHaveReturnedWith(value)
.toHaveLastReturnedWith(value)
.toHaveNthReturnedWith(nthCall, value)
.toBeCloseTo(number, numDigits)
.toBeDefined()
.toBeFalsy()
.toBeGreaterThan(number)
.toBeGreaterThanOrEqual(number)
.toBeLessThan(number)
.toBeLessThanOrEqual(number)
.toBeInstanceOf(Class)
.toBeNull()
.toBeTruthy()
.toBeUndefined()
.toBeNaN()
.toContain(item)
.toContainEqual(item)