💡 Playwright CheatSheet

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Basic Setup

Install Playwright
```cmd
npm i playwright
```

Launch Browser
```js
const { chromium } =
require('@playwright/test');

const browser = await chromium.launch();
```

Create Page Instance
```js
const context = await browser.newContext();

const page = await context.newPage();
```

Close Browser
```js
await browser.launch();
```

Assertions

Expect Title
```js
await expect(page.locator('selector'))
.toBeVisible();
```

Expect text
```js
await expect(page.locator('selector'))
.toHaveText('Expected Text');
```

Expect Element Visible
```js
await expect(page.locator('selector'))
.toBeVisible();
```

Expect Attribute
```js
await expect(page.locator('selector'))
.toHaveAttribute('name','value');
```

Working with Elements

Get Element Text
```js
const text = await
page.textContent('selector');
```

Screenshot of Element
```js
await page.locator('selector')
.screenshot({path:'screenshot.jpg'});
```

get Attribute
```js
const attr = await
page.textAttribute('selector', 'attribute');
```

upload Files
```js
await page
.setInputFiles('input[type="file"]'
,'path/to/file'');
```

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Interactions

Goto a URL
```js
await page.goto('https://example.com');
```

Click an Element
```js
await page.click('selector');
```
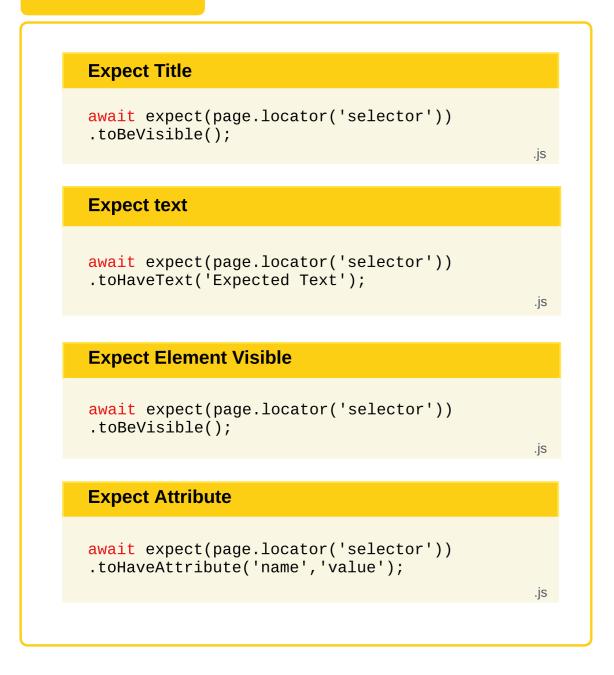
Fill a Text Field
```js
await page.fill(
'input[name='example']','text to fill' );
```

Select an Option
```js
await page.selectOption(
'select[name="example"]', 'value' );
```

Waiting Mechanism

Wait For Navigation
```js
await page.waitForNavigation();
```

Wait for Selector
```js
await page.waitForSelector('selector');
```

Wait for Timeout
```js
await page.waitForTimeout(1000);
```

Wait For Function
```js
await page.waitForFunction(() =>
windows.status === 'ready');
```

Advanced Interactions

Execute Javascript
```js
const result = await page.evaluate(() => {
//put JS here
});
```

Handle Dialogs
```js
page.on('dialog', async dialog => {
 await dialog.accept();});
```

Emulate Devices
```js
const {devices} =
require('@playwright/test');
Const iPhone = devices['iPhone 6'];

const context = await browser.newContext({
...iPhone,
});

const browser = await chromium.launch();
```

intercept Network Requests
```js
await page.route('*/', route => {
//handle the request
});
```