



# Playwright

Playwright module provides a method to launch a browser instance. The following is a typical example of using Playwright to drive automation:

**Sync**   **Async**

---

```
from playwright.sync_api import sync_playwright, Playwright

def run(playwright: Playwright):
    chromium = playwright.chromium # or "firefox" or "webkit".
    browser = chromium.launch()
    page = browser.new_page()
    page.goto("http://example.com")
    # other actions...
    browser.close()

with sync_playwright() as playwright:
    run(playwright)
```

## Methods

### stop

Added in: v1.8

Terminates this instance of Playwright in case it was created bypassing the Python context manager. This is useful in REPL applications.

```
from playwright.sync_api import sync_playwright

playwright = sync_playwright().start()

browser = playwright.chromium.launch()
page = browser.new_page()
page.goto("https://playwright.dev/")
```

```
page.screenshot(path="example.png")
browser.close()

playwright.stop()
```

## Usage

```
playwright.stop()
```

# Properties

## chromium

Added in: v1.8

This object can be used to launch or connect to Chromium, returning instances of [Browser](#).

## Usage

```
playwright.chromium
```

## Type

- [BrowserType](#)

## devices

Added in: v1.8

Returns a dictionary of devices to be used with [browser.new\\_context\(\)](#) or [browser.new\\_page\(\)](#).

**Sync**   **Async**

---

```
from playwright.sync_api import sync_playwright, Playwright

def run(playwright: Playwright):
    webkit = playwright.webkit
```

```
iphone = playwright.devices["iPhone 6"]
browser = webkit.launch()
context = browser.new_context(**iphone)
page = context.new_page()
page.goto("http://example.com")
# other actions...
browser.close()
```

```
with sync_playwright() as playwright:
    run(playwright)
```

## Usage

```
playwright.devices
```

## Type

- [Dict](#)

# firefox

Added in: v1.8

This object can be used to launch or connect to Firefox, returning instances of [Browser](#).

## Usage

```
playwright.firefox
```

## Type

- [BrowserType](#)

# request

Added in: v1.16

Exposes API that can be used for the Web API testing.

## Usage

```
playwright.request
```

## Type

- [APIRequest](#)

# selectors

Added in: v1.8

Selectors can be used to install custom selector engines. See [extensibility](#) for more information.

## Usage

```
playwright.selectors
```

## Type

- [Selectors](#)

# webkit

Added in: v1.8

This object can be used to launch or connect to WebKit, returning instances of [Browser](#).

## Usage

```
playwright.webkit
```

## Type

- [BrowserType](#)