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[Официальный сайт проекта](#)

Установка

```
python -m pip install playwright
```

Проверка установки

```
playwright --version
```

Установка драйверов для браузеров

```
playwright install #Все браузеры  
playwright install name #Только name браузеры  
playwright install chromium #Chrome
```

Установка pytest

```
python -m pip install pytest
```

Установка плагина pytest-playwright

```
python -m pip install pytest-playwright
```

Описание

Два режима работы: синхронный и асинхронный. Для синхронного:

```
from playwright.sync_api import sync_playwright
```

Для асинхронного режима:

```
import asyncio  
from playwright.async_api import async_playwright  
  
async def main():  
    async with async_playwright() as playwright:
```

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

asyncio.run(main())
```

Чаще используется синхронный режим.

Запуск и закрытие браузера:

```
from playwright.sync_api import sync_playwright

with sync_playwright() as playwright:
    browser = playwright.chromium.launch(headless=False, slow_mo=500)
    page = browser.new_page()
    page.goto("https://playwright.dev/python")

    docs_button = page.get_by_role('link', name="Docs")
    docs_button.click()

    browser.close()
```

headless=False обозначает визуальное открытие, slow_mo задержка

Использование интерактивной консоли

Иногда для удобства можно использовать консоль python для ручного тестирования покомандного ввода.

```
python
Python 3.13.1 (tags/v3.13.1:0671451, Dec 3 2024, 19:06:28) [MSC v.1942 64 bit (AMD64)] on
win32
Type "help", "copyright", "credits" or "license" for more information.
>>> from playwright.sync_api import sync_playwright
>>> playwright = sync_playwright().start()
>>> browser = playwright.chromium.launch(headless=False, slow_mo=100)
>>> page = browser.new_page()
>>> browser.close()
>>> playwright.stop()
```

Если создать docs_button, у нее будет метод highlight() для визуальной подсветки найденного элемента.

Revision #5

Created 17 April 2025 08:16:59 by Admin

Updated 24 June 2025 14:28:25 by Admin