

# pavanpw-35

Multiple Pages/Windows | Browser Context

```

1 //use browsercontext fixture.
2 //in pw, window or page means same.
3 //we need to pass browser name here.
4 //pages or windows are same in pw.
5 //we will create our own fixture, not use the page one.
6 const { test, expect, chromium } = require('@playwright/test');
7
8 test('Handle Pages/Windows', async () => {
9
10     //first launch the browser.
11     const browser=await chromium.launch()
12
13     //this is the way to create browser context.
14     const context=await browser.newContext()
15
16     //inside browser context we can create multiple pages.
17     const page1=await context.newPage()
18     const page2=await context.newPage()
19
20     //check number of pages within a context.
21     const allPages=context.pages()
22     console.log("No Of Pages created:",allPages.length)
23
24     await page1.goto
25     ("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login")
26     await expect(page1).toHaveTitle("OrangeHRM")
27
28     await page2.goto("https://www.orangehrm.com/")
29     await expect(page2).toHaveTitle
30     ("OrangeHRM HR Software | Free & Open Source HR Software | HRMS | HRIS | OrangeHRM")
31
32 })
33
34 //how to handle multiple pages using one page object.
35 test.only('Handle Multiple Pages/Windows', async () => {
36
37     const browser=await chromium.launch()
38     const context=await browser.newContext()
39
40     const page1=await context.newPage()
41     await page1.goto("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login")
42     await expect(page1).toHaveTitle("OrangeHRM")
43
44     //when new page opens, we need to create event.
45     //wait for page to load.
46     const pagePromise=context.waitForEvent('page')
47
48     //click on the link which opens new tab or window.
49     await page1.locator('//a[normalize-space()="OrangeHRM, Inc"]').click()
50
51     //here we wait for promise to be fulfilled and store
52     //the value of new window in new variable.
53     const newPage= await pagePromise;
54     await expect(newPage).toHaveTitle
55     ("OrangeHRM HR Software | Free & Open Source HR Software | HRMS | HRIS | OrangeHRM")
56
57     await page1.waitForTimeout(3000)
58     await newPage.waitForTimeout(3000)
59
60     await browser.close()
61
62 })

```