

Home > puppeteer > Page > waitForXPath

Page.waitForXPath() method

Wait for the `xpath` to appear in page. If at the moment of calling the method the `xpath` already exists, the method will return immediately. If the `xpath` doesn't appear after the `timeout` milliseconds of waiting, the function will throw.

This method works across navigation

```
const puppeteer = require('puppeteer');
(async () => {
  const browser = await puppeteer.launch();
  const page = await browser.newPage();
  let currentURL;
  page
    .waitForXPath('//img')
    .then(() => console.log('First URL with image: ' + currentURL));
  for (currentURL of [
    'https://example.com',
    'https://google.com',
    'https://bbc.com',
  ]) {
    await page.goto(currentURL);
  }
  await browser.close();
})();
```

Signature:

```
waitForXPath(xpath: string, options?: {
  visible?: boolean;
  hidden?: boolean;
  timeout?: number;
}): Promise<ElementHandle | null>;
```

Parameters

Parameter	Type	Description
<code>xpath</code>	<code>string</code>	A xpath of an element to wait for
<code>options</code>	<code>{ visible?: boolean; hidden?: boolean; timeout?: number; }</code>	Optional waiting parameters

Returns:

Promise<ElementHandle | null>

Promise which resolves when element specified by xpath string is added to DOM. Resolves to **null** if waiting for **hidden: true** and xpath is not found in DOM.

Remarks

The optional Argument **options** have properties:

- **visible**: A boolean to wait for element to be present in DOM and to be visible, i.e. to not have **display: none** or **visibility: hidden** CSS properties. Defaults to **false**.
- **hidden**: A boolean wait for element to not be found in the DOM or to be hidden, i.e. have **display: none** or **visibility: hidden** CSS properties. Defaults to **false**.
- **timeout**: A number which is maximum time to wait for in milliseconds. Defaults to 30000 (30 seconds). Pass 0 to disable timeout. The default value can be changed by using the Page.setDefaultTimeout() method.