

[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>	string	A <a href="#">xpath</a> of an element to wait for
<code>options</code>	{ visible?: boolean; hidden?: boolean; timeout?: number; }	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.