


asked Sep 23, 2017 at 9:13

```
uate(() => {  
  array.from(document.querySelector  
(list))
```

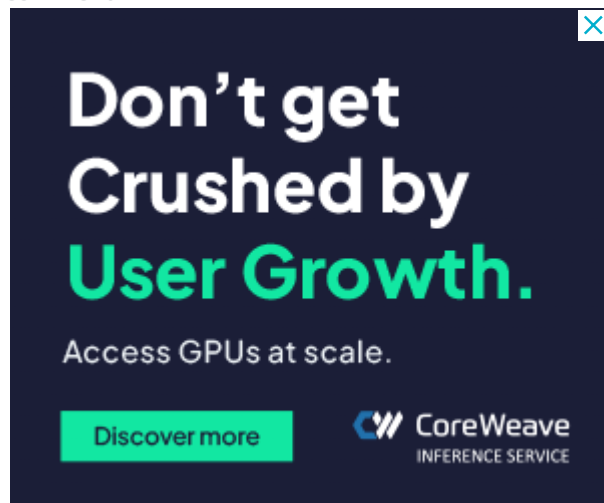
me-devtools

puppeteer


edited Mar 13, 2020 at 0:13

`Promise.resolve` isn't doing anything here, in addition to the DOM nodes not being JSON serializable. – [ggorlen](#) Mar 15, 2022 at 15:05 

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3 Answers

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The values returned from evaluate function should be json serializable

<https://github.com/puppeteer/issues/303#issue>

ref values from the elements and

```
(sel) => {
  el = document.querySelector(sel)
  el.textContent.map(element => {
    return {
      href
```

answered Sep 24, 2017 at 2:51


[Abdullah Alsigar](#)

1,236 ● 1 ● 12 ● 16



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objects as serializable (and they obviously are). Nevertheless, a simple `await page.evaluate(_ => { a: 1 })` will return `undefined` – [gilad905](#) Sep 9, 2020 at 15:06

Not sure if you mistyped. But if you're trying to return that object using the shorthand notation, you need to wrap the return object; `await page.evaluate(_ => ({ a: 1 }))`. Could definitely be the cause for getting undefined. – [PigBot](#) Jan 8, 2021 at 14:07

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Problem:

18

The return value for `page.evaluate()` must be [serializable](#).



According to the [Puppeteer documentation](#), it says:



If the function passed to the `page.evaluate` returns a non-[Serializable](#) value, then `page.evaluate` resolves to `undefined`. DevTools Protocol also supports transferring some additional values that are not serializable by JSON: `-0`, `NaN`, `Infinity`, `-Infinity`, and bigint literals.



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return an element from the page
the Node.js environment because

`title`, which is a representation of
link to the Node.js environment.

`ElementHandle` array:

```
.title');
```

extract the `href` values from the
you can use `page.$$eval()`:

answered Mar 13, 2020 at 0:09



27.7k ● 16 ● 148 ● 165

let list = await page.\$\$eval('.title', a => a.href); is incorrect. It would need to be `const list = await page.$$eval('.title', a => a.map(e => e.href));`

– [ggorlen](#) Jan 3 at 19:14

Add a comment



```
await page.evaluate(() =>
  Array.from(document.querySelectorAll('.title'),
    e => e.href));
```

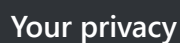


answered Nov 7, 2019 at 14:33



341 ● 3 ● 10

8 TIL `Array.From` takes a callback map function – [phillyslick](#) Jan 19, 2020 at 0:33




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```
(".title", els => els.map(el =>
ded as a convenience to avoid the
g to run
() as the first line of a browser
13
```





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