Angular 2: get all <img> tags inside specific div

Asked 3 years, 1 month ago   Active 6 months ago   Viewed 2k times

I need a function to get all images inside a specific div, I tried to use `BrowserDomAdapter` but it's throwing this error `el.querySelector is not a function` , infact I haven't declared any `el` variable in my component

1

```
import { BrowserDomAdapter} from '@angular/platform-
browser/src/browser/browser_adapter';
...
...
constructor(private dom:BrowserDomAdapter){
}
ngAfterContentInit(){
    this.lightboxImages();
}
lightboxImages(){
    let dom = new BrowserDomAdapter();
    let images = dom.querySelector('img','.post-body');
    console.log(images);
}
```

Update

If I have the `<img>` tags inside a variable, how can I get the images from it?

```
export class Post{

    post:Post;

    @Input()
    set data(data:any) {
      this.post = new Post(data);
      this.lightboxImages(this.post.content());
    }
}
```

```
}
```

`A angular`

edited Aug 2 '16 at 8:01   asked Aug 2 '16 at 7:25

Murhaf Sousli

5,626   18   78   150

2 Answers

▲

`BrowserDomAdapter` is not supposed to be used. It's for Angular internal use only.

4

I assume you want to query elements passed as children because you use `ngAfterContentInit` :

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✓

```
@Component({
  ...
  template: `
  ...
  <div #wrapper>
    <ng-content></ng-content>
  </div>
  ...
  `
})
export class MyComponent {
  @ViewChild('wrapper') wrapper:ElementRef;
  ngAfterContentInit(){
    this.lightboxImages();
  }
  lightboxImages(){
    let images = this.wrapper.nativeElement.querySelector('img','.post-body');
    console.log(images);
  }
}
```

answered Aug 2 '16 at 7:31

Can't I use `@ContentChildren` for this case? `@ContentChildren('.post-body')` — Murhaf Sousli Aug 2 '16 at 7:32

Yes you can use it.b ut need to see how does your template look like? — micronyks Aug 2 '16 at 7:34 ✏️

1   No, you can't use CSS selectors with `@ContentChildren()`. If the elements you want to query have a template variable like above `#wrapper` then you can use the name of the template variable to query for these elements directly using `@ContentChildren()`. I assumed this is not desired because it makes the element more cumbersome to use. — Günter Zöchbauer Aug 2 '16 at 7:35 ✏️

one more thing, if I have these `img` tags inside a variable `post.content`, isn't it better to pass it to `lightboxImages(content:any)` instead of getting it from the dom? — Murhaf Sousli Aug 2 '16 at 7:39

1   @GünterZöchbauer I will post this in details in another question — Murhaf Sousli Aug 2 '16 at 8:19

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-1   `this.containerBlock.nativeElement.getElementsByTagName("img")`

Where containerBlock is template reference. This will return all the img tag inside div with template reference containerBlock.

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edited Mar 12 at 6:58   answered Jul 31 '18 at 4:24

Vishesh Mishra
91   1   4

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protected by eyllanesc Jul 31 '18 at 4:41

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