Angular 4 null call when loading image

Asked 1 year, 6 months ago Active 1 year, 6 months ago Viewed 2k times



In my angular 4 application I have to load a thumbnail, So I have img [src] tag. To append the authorization token at the request to load this image I use a custom image pipe and an async pipe. It works good but if I see in the network tab I can see a strange call to null and I think is the async pipe:



Request URL: http://localhost:4200/null



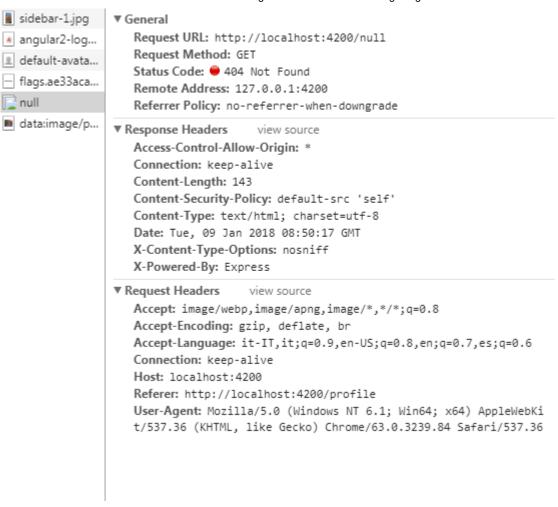
image.pipe

```
@Pipe({name: 'image'})
export class ImagePipe implements PipeTransform {
 constructor(private http: Http) {}
 transform(url: string, selfLink?: any, width?: any) {
   /* tell that XHR is going to receive an image as response, so it can be then
converted to blob,
     * and also provide your token in a way that your server expects */
   if (selfLink) {
     url = selfLink + url + width;
   const headers = new Headers({'Authorization': 'Bearer ' +
localStorage.getItem('token'), 'Content-Type': 'image/jpeg'});
   // specify that response should be treated as blob data
   return this.http.get(url, new RequestOptions({headers: headers, responseType:
ResponseContentType.Blob}))
      .map(response => response.blob()) // take the blob
     .switchMap(blob => {
       // return new observable which emits a base64 string when blob is converted to
base64
        return Observable.create(observer => {
          const reader = new FileReader();
         reader.readAsDataURL(blob); // convert blob to base64
         reader.onloadend = function() {
```

```
});
}
```

And this is the component.html

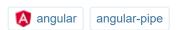
It seems that the async pipe make the call 2 times, 1 is corect and 1 is with error, I don't know why, my image link is never null or undefined because if I print the url in the image pipe I see always the correct link.



this is the call

Also if I write directly a link into the pipe without any call I still have a null

How can I solve this null call?



edited Jan 9 '18 at 13:02

asked Jan 9 '18 at 8:59

Alessandro

1 Answer



Try using [attr.src]=(imageLink | image) | async" instead.

3

With the attr.<whatever> syntax, null s prevent the attribute from being added in the first place.



Example: https://stackblitz.com/edit/angular-gitter-btxhuh?file=app%2Fapp.component.html



edited Jan 9 '18 at 9:31





Amit 2 576

76 13

Still have the error - Alessandro Jan 9 '18 at 9:21

Edited my answer with an example of this working, can you compare it with your situation and let me know what's different? - Amit Jan 9 '18 at 9:32

The problem is not here because also if I write manually the image link [attr.src]="('http://....:8080/api/v1/users/1/avatar' | image) | async" still have the null call — Alessandro Jan 9'18 at 9:46

Hmm, I think it might be because of the image pipe, can you post the pipe's code? - Amit Jan 9 '18 at 9:58

there is already the code - Alessandro Jan 9 '18 at 13:02

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