Angular 2 - Redirect to an external URL and open in a new tab

Asked 2 years, 8 months ago   Active 1 month ago   Viewed 107k times

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I'm trying to Open a new page when user clicks on a link. I can't use Angular 2 Router, because it doesn't have any functionalities to redirect to an external URL.

so, i'm using window.location.href="...";

html code:

```
<button (click)="onNavigate()">Google</tn-submenu-link>
```

typescript code:

```
onNavigate(){
        //this.router.navigateByUrl("https://www.google.com");
        window.location.href="https://www.google.com";
    }
```

But how can I open it in a new tab? when using window.location.href ?

[A angular]   [typescript]

asked Mar 13 '17 at 23:03

Varun
1,500   4   15   28

3   If you can narrow it down to using Javascript, this should be a javascript question, not Angular2. Can you apply this solution
stackoverflow.com/questions/19851782/... ? – Harry Ninh Mar 13 '17 at 23:06

@HarryNinh Angular 2 and 4 do not expose the `window` object inside a component (while you can get-away with using the `window` global, it's
preferred to perform platform-specific tasks (like using the `window` object, which differs between browsers) using an Angular Service. – Dai Oct 13 '17
at 0:49

8 Answers

94

```
onNavigate(){
    window.open("https://www.google.com", "_blank");
}
```

answered Mar 13 '17 at 23:06

Martin Ocando
1,078 5 9

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10   Chrome is blocking popups when I use this method. Do you have any solution for that? – sunnyiitkgp Nov 6 '17 at 10:21

3   @sunnyiitkgp `window.open()` must be called within a callback which is triggered by a user action (example onclick). – gokcand Jan 15 '18 at 11:35

1   @gokcand it is obvious, but it doesn't change the situation cause still is blocked as mentioned above. – mpro Feb 26 at 9:00

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One caveat on using `window.open()` is that if the url that you pass to it doesn't have `http://` or `https://` in front of it, angular treats it as a route.

To get around this, test if the url starts with `http://` or `https://` and append it if it doesn't.

```
let url: string = '';
if (!/^http[s]?:\/\///.test(this.urlToOpen)) {
    url += 'http://';
}

url += this.urlToOpen;
window.open(url, '_blank');
```

answered May 31 '17 at 0:40

SaoBiz
漢 **939** 12 16

I've been searching on and off for this for a week. In Angular 4 this works for me as a short term solution: <a href="https://{{url}}">, when it was treated as a route before. Thanks! – aherocalledFrog Apr 5 '18 at 20:23

cant `//` suffice? eg: `window.open(``//${this.urlToOpen}``, '_blank')` — Joseph Briggs Mar 12 at 18:18 ✎

Another possible solution is:

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```
const link = document.createElement('a');
link.target = '_blank';
link.href = 'https://www.google.es';
link.setAttribute('visibility', 'hidden');
link.click();
```

answered Jan 15 '18 at 11:29

dddenis
240   7   13

1   This method opens Link in new tab. " window.open(url, '_blank'); " open popup which is normally blocked by Chrome – Lokinder Singh Chauhan Jan 19 '18 at 5:28

I want to share with you one more solution if you have absolute part in the URL

4   SharePoint solution with `${_spPageContextInfo.webAbsoluteUrl}`

HTML:

```
<button (click)="onNavigate()">Google</button>
```

TypeScript:

```
onNavigate()
{
    let link = `${_spPageContextInfo.webAbsoluteUrl}/SiteAssets/Pages/help.aspx#/help`;
    window.open(link, "_blank");
}
```

and url will be opened in new tab.

answered Jul 28 '18 at 19:06

you can do like this in your typescript code

3

```
onNavigate(){
var location="https://google.com",
}
```

In your html code add an anchor tag and pass that variable(location)

```
<a href="{{location}}" target="_blank">Redirect Location</a>
```

Suppose you have url like this `www.google.com` without `http` and you are not getting redirected to the given url then add `http://` to the `location` like this

```
var location = 'http://'+ www.google.com
```

edited Mar 18 at 9:04

answered Apr 23 '18 at 6:55

in HTML:

2

```
<a class="main-item" (click)="onNavigate()">Go to URL</a>
```

OR

```
<button class="main-item" (click)="onNavigate()">Go to URL</button>
```

in TS file:

```
onNavigate(){
    // your logic here.... like set the url
    const url = 'https://www.google.com';
    window.open(url, '_blank');
}
```

answered Sep 23 at 14:15

Ebrahiem Gamal
21   1

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```
var url = "https://yourURL.com";
var win = window.open(url, '_blank');
    win.opener = null;
    win.focus();
```

This will resolve the issue, here you don't need to use DomSanitizer. Its work for me

edited Apr 2 at 10:48   answered Apr 1 at 8:59

prashanthglen   Sarbasish Mishra
28   5   **66**   5

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we can use target = blank to open in new tab

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```
<a href="https://www.google.co.in/" target="blank">click Here </a>
```

answered Feb 21 '18 at 14:02

Lijo
2,928   1   31   48