

# Get current url in Angular [duplicate]

Asked 2 years ago   Active 7 days ago   Viewed 178k times



82

This question already has an answer here:

[How to get current route](#) 30 answers



How can I get the current url in Angular 4? I've searched the web for it a lot, but am unable to find solution.



**app.module.ts**

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```
import { BrowserModule } from '@angular/platform-browser';
import { NgModule } from '@angular/core';
import { RouterModule, Router } from '@angular/Router';

import { AppComponent } from './app.component';
import { TestComponent } from './test/test.component';
import { OtherComponent } from './other/other.component';
import { UnitComponent } from './unit/unit.component';

@NgModule ({
  declarations: [
    AppComponent,
    TestComponent,
    OtherComponent,
    UnitComponent
  ],
  imports: [
    BrowserModule,
    RouterModule.forRoot([
      {
        path: 'test',
        component: TestComponent
      },
      {
        path: 'unit',
        component: UnitComponent
      },
      {
        path: 'other',
        component: OtherComponent
      }
    ])
  ],
  providers: [],
  bootstrap: [AppComponent]
})
export class AppModule {}
```

```

    },
  ]),
],

providers: [],
bootstrap: [AppComponent]
})

export class AppModule { }

```

## app.component.html

```

<!-- The content below is only a placeholder and can be replaced -->
<div>
  <h1>Welcome to {{title}}!!</h1>

  <ul>
    <li>
      <a routerLink="/test">Test</a>
    </li>
    <li>
      <a routerLink="/unit">Unit</a>
    </li>
    <li>
      <a routerLink="/other">Other</a>
    </li>
  </ul>
</div>
<br/>
<router-outlet></router-outlet>

```

## app.component.ts

```

import { Component } from '@angular/core';

@Component ({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css']
})

export class AppComponent{
  title = 'Angular JS 4';
  arr = ['abcd', 'xyz', 'pqrs'];
}

```

## other.component.ts

```
import { Component, OnInit } from '@angular/core';
import { Location } from '@angular/common';
import { Router } from '@angular/router';

@Component({
  selector: 'app-other',
  templateUrl: './other.component.html',
  styleUrls: ['./other.component.css']
})

export class OtherComponent implements OnInit {

  public href: string = "";
  url: string = "asdf";

  constructor(private router : Router) {}

  ngOnInit() {
    this.href = this.router.url;
    console.log(this.router.url);
  }
}
```

## test.component.ts

```
import { Component, OnInit } from '@angular/core';
import { Location } from '@angular/common';
import { Router } from '@angular/router';

@Component({
  selector: 'app-test',
  templateUrl: './test.component.html',
  styleUrls: ['./test.component.css']
})

export class TestComponent implements OnInit {
  route: string;
  currentURL='';

  constructor() {
    this.currentURL = window.location.href;
  }
}
```

```
ngOnInit() { }  
}
```

Right now I am getting console issue after clicking on **other** link

ERROR **Error: Uncaught** (in promise): **Error: No provider for Router!**

javascript



angular

typescript

url-routing

edited Jul 24 at 10:47



Ronin

2,135

2

21

44

asked Jul 19 '17 at 8:26



ndgeek

433

1

4

10

**marked** as duplicate by [Alexander O'Mara](#)

javascript

Jul 19 '17 at 18:51

This question has been asked before and already has an answer. If those answers do not fully address your question, please [ask a new question](#).

Which url ??? browser url and please add some code the things you tried in so to understand you question in more details – [mayur](#) Jul 19 '17 at 8:29

1 @MaciejTreder : [link](#) gone through this link already, it didn't worked. – [ndgeek](#) Jul 19 '17 at 8:53 ✎

1 you can use as import { Component } from '@angular/core'; @Component({ selector: 'app-root', templateUrl: './app.component.html', styleUrls: ['./app.component.css'] }) export class AppComponent { title = 'app'; currentURL=""; constructor() { this.currentURL=window.location.href; } } – [Vindhyachal Kumar](#) Jul 19 '17 at 9:17

1 You got a typo in import { RouterModule, Router } from '@angular/RouTer'; it should be @angular/router . – [Maciej Treder](#) Jul 19 '17 at 13:37

1 I tried to reproduce your issue in plunkr. Everything works: [plunkr.co/edit/0x3pCOKwFjAGRxC4hZMy?p=preview](https://plunkr.co/edit/0x3pCOKwFjAGRxC4hZMy?p=preview) – [Maciej Treder](#) Jul 19 '17 at 13:53

### 3 Answers




With pure JavaScript:

163

```
console.log(window.location.href)
```

## Using Angular:

  
this.router.url

```
import { Component } from '@angular/core';
import { Router } from '@angular/router';

@Component({
  template: 'The href is: {{href}}'
  /*
   Other component settings
  */
})
export class Component {
  public href: string = "";

  constructor(private router: Router) {}

  ngOnInit() {
    this.href = this.router.url;
    console.log(this.router.url);
  }
}
```

The plunkr is here: <https://plnkr.co/edit/0x3pCOKwFjAGRxC4hZMy?p=preview>

edited Jul 19 '17 at 14:49

answered Jul 19 '17 at 8:49



[Maciej Treder](#)

5,831 3 33 55

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Got error : Property 'router' does not exist on type <component\_name>' :( – [ndgeek](#) Jul 19 '17 at 10:30

---

Did you provide router to the component constructor? – [Maciej Treder](#) Jul 19 '17 at 11:16

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1 Did you check plunker? Is it working on your end? – [Maciej Treder](#) Jul 19 '17 at 12:02

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1 @MaciejTreder this method `this.router.url` you mentioned will be trigger when page is reloading. is there any other way to get path URL without reloading page in Angular 4 ? – [Fai Zal Dong](#) Nov 29 '17 at 4:10 ✎

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13 `window.location.href` is returning the absolute url of the page (including protocol and domain) while `this.router.url` is returning the relative path inside the application... I really do not understand how it is possible that this is the accepted answer as this solution is returning 2 completely different results!!! I also do not understand how it is possible that is marked as duplicated as the linked question is asking for the route url while here the question is asking for the absolute path – [Ferie](#) Dec 3 '18 at 17:49 ✎

You can make use of location service available in @angular/common and via this below code you can get the location or current URL

24

```
import { Component, OnInit } from '@angular/core';
import { Location } from '@angular/common';
import { Router } from '@angular/router';

@Component({
  selector: 'app-top-nav',
  templateUrl: './top-nav.component.html',
  styleUrls: ['./top-nav.component.scss']
})
export class TopNavComponent implements OnInit {

  route: string;

  constructor(location: Location, router: Router) {
    router.events.subscribe((val) => {
      if(location.path() != ''){
        this.route = location.path();
      } else {
        this.route = 'Home'
      }
    });
  }

  ngOnInit() {
  }

}
```

here is the reference link from where I have copied thing to get location for my project. <https://github.com/elliottforbes/angular-2-admin/blob/master/src/app/common/top-nav/top-nav.component.ts>

answered Jul 19 '17 at 8:33



Lalit Sachdeva

4,930

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12

21

other.component.ts

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So final correct solution is :

```
import { Component, OnInit } from '@angular/core';
import { Location } from '@angular/common';
import { Router } from '@angular/router';

/* 'router' it must be in small case */

@Component({
  selector: 'app-other',
  templateUrl: './other.component.html',
  styleUrls: ['./other.component.css']
})

export class OtherComponent implements OnInit {

  public href: string = "";
  url: string = "asdf";

  constructor(private router : Router) {} // make variable private so that it
would be accessible through out the component

  ngOnInit() {
    this.href = this.router.url;
    console.log(this.router.url);
  }
}
```

answered Jul 19 '17 at 14:11



ndgeek

433 1 4 10

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Could you explain why this is the correct solution? I would prefer to get a array of type `UrlSegment[]` instead to work with it with the `Router` – Mick Jan 15 at 10:57

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