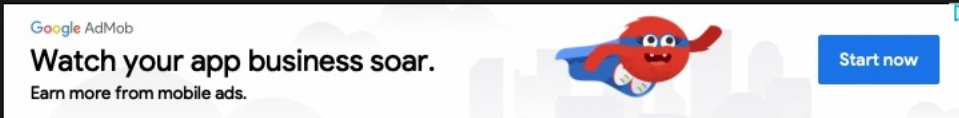


# How to get param from url in angular 4?

Asked 2 years, 3 months ago Active 1 month ago Viewed 117k times

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I m trying to get startdate from url. Url look like <http://sitename/booking?startdate=28-08-2017> below is my code

50 aap.module.ts

```
import {...};

@NgModule({
  declarations: [
    AppComponent, ModalComponent
  ],
  imports: [
    BrowserModule,
    FormsModule,
    HttpClientModule,
    JsonpModule,
    ReactiveFormsModule,
    RouterModule.forRoot([
      {
        path: '',
        component: AppComponent
      }
    ]),
  ],
  providers: [ContactService, AddonService, MainService],
  bootstrap: [AppComponent]
})
export class AppModule { }
```

aap.component.ts

```
import {...}
import {Router, ActivatedRoute, Params} from '@angular/router';

constructor(private activatedRoute: ActivatedRoute) {
  // subscribe to router event
  this.activatedRoute.queryParams.subscribe((params: Params) => {
    console.log(params);
  });
}
```

its giving through below error

Unhandled Promise rejection: No base href set. Please provide a value for the APP\_BASE\_HREF token or add a base element to the document. ; Zone: ; Task: Promise.then ; Value: Error: No base href set. Please provide a value for the APP\_BASE\_HREF token or add a base element to the document.

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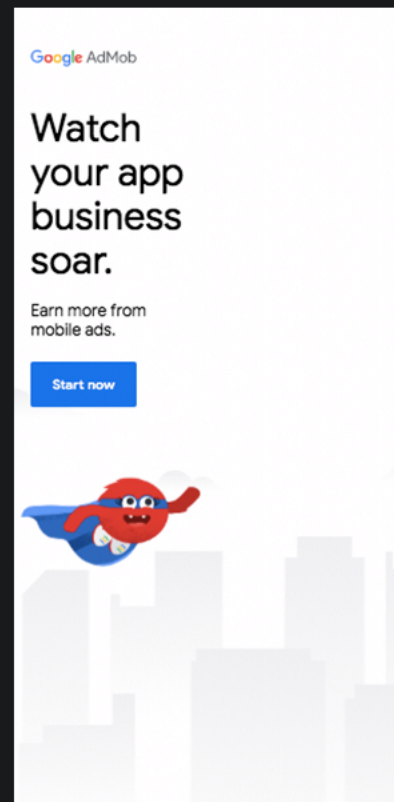
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edited Sep 1 '17 at 10:07



wprzechodzen  
508 ● 3 ● 12

asked Sep 1 '17 at 9:41



Sudha Bisht  
695 ● 1 ● 6 ● 12

1 [angular.io/guide/router#the-basics](#) – JB Nizet Sep 1 '17 at 10:09

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8 Answers

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oldest

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95



This should do the trick retrieving the params from the url:

```
constructor(private activatedRoute: ActivatedRoute) {  
  this.activatedRoute.queryParams.subscribe(params => {  
    let date = params['startdate'];  
    console.log(date); // Print the parameter to the console.  
  });  
}
```

The local variable date should now contain the *startdate* parameter from the URL. The modules Router and Params can be removed (if not used somewhere else in the class).

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edited Dec 27 '17 at 9:18



MaximusFT  
3 ● 3

answered Sep 1 '17 at 10:21



Curiosity\_is\_Learning  
1,306 ● 1 ● 11 ● 17

this answer is work, but why after refreshing the page that have parameter on url will make the page become blank? – [Fai Zal Dong](#) Dec 14 '17 at 7:51

Hard to tell. The first thing that comes to my mind is that you maybe are navigating in the ngOnInit section of the typescript code without providing any parameters? Then it will naturally go back to the component without any params. – [Curiosity\\_is\\_Learning](#) Dec 14 '17 at 14:00

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Routes

```
export const MyRoutes: Routes = [  
  { path: '/items/:id', component: MyComponent }  
]
```

Component

```
import { ActivatedRoute } from '@angular/router';  
public id: string;  
  
constructor(private route: ActivatedRoute) {}  
  
ngOnInit() {  
  this.id = this.route.snapshot.paramMap.get('id');  
}
```

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edited Oct 18 '18 at 10:07

answered Nov 19 '17 at 21:16



Dmitry Grinko

4,833 ● 6 ● 22 ● 49

7 This answer works better than the accepted one in my case. Thanks! – Ben Mar 9 '18 at 10:06

If i want to send one object and don't want to show that in url then what i can do ? – Anuj Mar 13 '18 at 12:18

@Anuj Use service – Dmitry Grinko Mar 13 '18 at 12:31

My Requirement is not like that , I want to click on one table and send that table data to other page which have 4-5 fields . – Anuj Mar 13 '18 at 12:41

1 @Anuj yes, you can use service for it. `onClick(row: any) { this.shareService.setData(row); this.router.navigate(['/page2'])}` and in your page2 you can get this data `ngOnInit() { const data = this.shareService.getData(); }` Hope it helps – Dmitry Grinko Mar 13 '18 at 13:00

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16

```
constructor(private activatedRoute: ActivatedRoute) {  
}  
  
ngOnInit() {  
  this.activatedRoute.params.subscribe(paramsId => {  
    this.id = paramsId.id;  
  });  
  console.log(this.id);  
}
```

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answered Apr 17 '18 at 8:47



Teodor

195 ● 3 ● 10

4 This is the best answer in my opinion for angular 5. Thank you! – Combine May 23 '18 at 12:04

Can't observable be resolved on next eventloop frame with undefined in console? – vp\_arth Aug 13 at 9:01

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2

The accepted answer uses the observable to retrieve the parameter which can be useful in the parameter will change throughout the component lifecycle.

If the parameter will not change, one can consider using the [params](#) object on the snapshot of the router url.

`snapshot.params` returns all the parameters in the URL in an object.

```
constructor(private route: ActivatedRoute){  
  
  ngOnInit() {  
    const allParams = this.route.snapshot.params // allParams is an object  
    const param1 = allParams.param1 // retrieve the parameter "param1"  
  }  
}
```

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edited May 23 '18 at 8:40

answered May 23 '18 at 8:34



edkeved

9,415 ● 5 ● 28 ● 57

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Check parameters from URL string or as `:param` in your routeConfig

## downstream.component.ts

```
...
import {Router,ActivatedRoute} from '@angular/router';
...
export class DownstreamComponent {
  constructor(
    private route: ActivatedRoute,
    private router: Router
  ) {
    if(this.route.snapshot.queryParams)
      console.log(this.route.snapshot.params); // e.g. :param1 in routeConfig
    if(this.route.snapshot.queryParamMap.get('param1'))
      console.log(this.route.snapshot.queryParamMap.get('param1')); // e.g. in URI ?param1=bla
  }
}
```

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edited May 25 '18 at 10:19

answered May 17 '18 at 5:40



Hunter Frazier

417 ● 4 ● 9

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## use paramMap

2

This will provide param names and their values

```
//http://localhost:4200/categories/1
//{ path: 'categories/:category', component: CategoryComponent },

import { ActivatedRoute } from '@angular/router';

constructor(private route: ActivatedRoute) { }

ngOnInit() {

  this.route.paramMap.subscribe(params => {
    console.log(params)
  })
}
```

share improve this answer

edited Sep 20 '18 at 16:06

answered May 28 '18 at 4:18



WasiF

6,381 ● 3 ● 42 ● 65

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2



```
import {Router, ActivatedRoute, Params} from '@angular/router';
```

```
constructor(private activatedRoute: ActivatedRoute) { }
```

```
ngOnInit() {
  this.activatedRoute.paramMap
    .subscribe( params => {
    let id = +params.get('id');
    console.log('id' + id);
    console.log(params);
  })
}
```

```
id12
ParamsAsMap {params: {...}}
keys: Array(1)
0: "id"
length: 1
__proto__: Array(0)
params:
id: "12"
__proto__: Object
__proto__: Object
}
)
```

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edited Jan 14 at 14:02

JeffryHouser

38.5k ● 4 ● 32 ● 56

answered Dec 17 '18 at 9:45

ganesh

27 ● 4

add a comment

▲ You can try this:

1

```
this.activatedRoute.paramMap.subscribe(x => {
  let id = x.get('id');
  console.log(id);
});
```

share improve this answer

edited Nov 3 at 17:28

Dino

4,487 ● 8 ● 18 ● 44

answered Nov 3 at 15:28

Boris Detry

500 ● 3 ● 10

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
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
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