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**What is Cookies in Angular?**

**Cookie**s are small packages of information that can be temporarily stored/saved by your browser and websites which are using cookies for multiple things.

Cookies are used in multiple requests and browser sessions and can store your account information used by authentication for example.

## Size of Cookies

**They are often not more than a few kilobytes per cookie.**

## How to install Cookies Dependency

We already have an NPM package for Angular called ‘**[ngx-cookie-service](https://www.npmjs.com/package/ngx-cookie-service" \o "ngx-cookie-service" \t "_blank)**‘ that can be used for cookie use.

Let’s install the cookies dependency using below command:

|  |  |
| --- | --- |
| **2**  **3**  **4** | **npm install ngx-cookie-service** |

After installing the cookies dependency, we have to import the **CookieService** inside one of our modules and add them as a provider. Please refer the below example code:

**app.module.ts file**

|  |  |
| --- | --- |
| **2**  **3**  **4**  **5**  **6**  **7**  **8**  **9**  **10**  **11**  **12**  **13**  **14**  **15** | **import { BrowserModule } from '@angular/platform-browser';**  **import { NgModule } from '@angular/core';**  **import { AppRoutingModule } from './app-routing.module';**  **import { AppComponent } from './app.component';**    **@NgModule({**  **declarations: [AppComponent],**  **imports: [BrowserModule],**  **providers: [CookieService],**  **bootstrap: [AppComponent]**  **})**  **export class AppModule { }** |

**Also Read:**[**Angular Online Quiz Test**](https://www.tutorialswebsite.com/angular-online-quiz-test/)

## How to use Cookies in Angular

Now we will use our **AppComponent** and use the **set, get** and **delete** method of the **CookieService**. In the below example code,

**app.component.ts** file

|  |  |
| --- | --- |
| **2**  **3**  **4**  **5**  **6**  **7**  **8**  **9**  **10**  **11**  **12**  **13**  **14**  **15**  **16**  **17**  **18**  **19**  **20**  **21**  **22**  **23**  **24**  **25**  **26**  **27**  **28**  **29**  **30**  **31**  **32**  **33**  **34**  **35**  **36**  **37**  **38** | **import { Component} from '@angular/core';**  **import {CookieService} from 'ngx-cookie-service';**    **@Component({**  **selector: 'app-root',**  **templateUrl: './app.component.html',**  **styleUrls: ['./app.component.css'],**    **})**    **export class AppComponent {**  **private cookie\_name='';**  **private all\_cookies:any='';**    **constructor(private cookieService:CookieService){**    **}**    **setCookie(){**  **this.cookieService.set('name','Tutorialswebsite');**  **}**    **deleteCookie(){**  **this.cookieService.delete('name');**  **}**    **deleteAll(){**  **this.cookieService.deleteAll();**  **}**    **ngOnInit(): void {**  **this.cookie\_name=this.cookieService.get('name');**  **this.all\_cookies=this.cookieService.getAll();  // get all cookies object**  **}**  **}** |

we import the **CookieService** inside the **app.component.ts** file.

|  |  |
| --- | --- |
| **2**  **3**  **4** | **import { CookieService } from 'ngx-cookie-service';** |

Next step, we will inject this service in the parameters of the constructor and set the private variable.

|  |  |
| --- | --- |
| **2**  **3**  **4**  **5** | **constructor( private cookieService: CookieService ) {**  **}** |

### Set, get and getAll Cookies

In the first line, we are using **set function** to set the new cookie value with name. In the second line, we are using **get function** to get the cookie value with cookie name.

|  |  |
| --- | --- |
| **2**  **3**  **4**  **5**  **6** | **this.cookieService.set('name','Tutorialswebsite'); // set the cookies value**  **this.cookie\_name=this.cookieService.get('name');  // get the cookie value**  **this.all\_cookies=this.cookie.getAll(); // get All cookies object** |

### Delete and Delete All Cookies

In the first line, we are using **delete function** to delete the single cookie value with name. In the second line, we are using **deleteAll function** to delete all cookie value with single click.

|  |  |
| --- | --- |
| **2**  **3**  **4**  **5** | **this.cookieService.delete('name'); // delete the single cookies value**  **this.cookieService.deleteAll();  // delete all the cookie value** |

**app.component.html file**

We use the below code to display the output in browser and trigger **set Cookies**, **Delete** and **Delete All** function.

|  |  |
| --- | --- |
| **2**  **3**  **4**  **5**  **6**  **7**  **8**  **9**  **10**  **11**  **12**  **13**  **14**  **15** | **<div style="text-align: center;" >**  **<h5>Cookies In Angular</h5>**  **<h5>Cookie Data:</h5>**  **<p>Name: {{cookie\_name}}</p>**  **<p>Cookie Object: {{all\_cookies | json}}</p>**  **<br>**  **<button (click)="setCookie()">Set Cookies</button>**  **<br><br>**  **<button (click)="deleteCookie()">Delete</button>**  **<br><br>**  **<button (click)="deleteAll()">Delete All</button>**  **</div>** |

## Method of Cookies in Angular

* **Check :-** Used to check cookies exits or not
* **Set :-**Used to set the value in cookies with name
* **Get :-**Used to return the single value of stored cookies name
* **Get All :-** Used to return a value object of all cookies
* **Delete :-**Used to delete the single cookies value with the given name
* **Delete All :-** Used to delete all the cookies

## Conclusion

Thank you for reading **How to use cookies in angular** article. Hope I was able to help someone out. If you have any questions feel free to ask anything on the comment section. Cheers!!.