How to decode the JWT encoded token payload on client-side in angular 5?



I am getting one JWT encoded access token from my API in response. But I am not able to decode it and get it in JSON format. I tried using the angular2-jwt library for it, but it did not worked. I am writing my code below:

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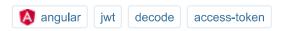




* 7

```
setXAuthorizationToken(client){
   let requestHeader = new Headers();
   requestHeader.append('Content-Type', 'application/x-www-form-urlencoded');
   this.http.post(client.clientURL + "oauth/token",
'grant_type=password&client_id=toto&client_secret=sec&' + 'username=' + client.username
   + '&password=' + client.password, {
     headers: requestHeader
   }).map(res=>res.json())
    .subscribe((token) =>{
     if(!token.access_token){
          return;
     else{
       var decompressToken =
LZString.decompressFromEncodedURIComponent(token.access token);
       console.log(decompressToken);
   });
```

Can anybody please help me solve this issue?



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2 Answers



I use jwt-decode package for decoding JWT token in angular 5; this package work me fine.



after install package through this command:



```
npm install jwt-decode
```

import this package into your TypeScript class through this syntax:

```
import * as jwt_decode from "jwt-decode";
```

and use this library method for decoding your access token like this

```
getDecodedAccessToken(token: string): any {
    try{
       return jwt_decode(token);
    }
    catch(Error){
       return null;
    }
}
```

token parameter define your access token which get from your API

jwt_decode method return decoded token info as an object; you can access any info into your token.

Example:

```
lat takenInfo - this getDecodedAccessTaken(taken). // decode taken
```

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IMPORTANT: This library doesn't validate the token, any well formed JWT can be decoded. You should validate the token in your server-side logic by using something like express-jwt, koa-jwt, Owin Bearer JWT, etc.

edited Jan 16 '18 at 19:32

answered Jan 16 '18 at 19:00



Hasan Fathi

457 1 22 28

is there any similar available in react native with expo - Chandni Jan 15 at 9:31

@Chandni please check this library react-native-pure-jwt in this link: npmjs.com/package/react-native-pure-jwt — Hasan Fathi Jan 15 at 11:34

Thank you. Let me check it - Chandni Jan 15 at 13:33



Use @auth0/angular-jwt

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Step - 1: Install using npm



npm install @auth0/angular-jwt

Step - 2: Import the package

import { JwtHelperService } from '@auth0/angular-jwt';

Step - 3 : Create an instance and use

const helper = new JwtHelperService();
const decodedToken = helper.decodeToken(myRawToken);

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- 2 do I need to sign up on Auth0 for using this? Is it only limited to 7000 users as it says? Ramesh Pareek Jul 6 '18 at 11:46
 - What do you want? Decoding library or their service? @RameshPareek Debojyoti Jul 6 '18 at 11:49 🧪
- 2 @RameshPareek to use the service by auth0 the limit is given. @auth0/angular-jwt is just helper library Abhay Gawade Sep 18 '18 at 9:42
 - token isTokenExpired always return false Robert Sep 20 '18 at 10:44
 - @Robert please check the expiry set rule in the backend. Debojyoti Nov 9 '18 at 5:59

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