Angular2: custom pipe could not be found

Asked 2 years, 10 months ago   Active 30 days ago   Viewed 62k times

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The built-in pipe is work,but all custom pipes that i wanna use are the same error:

> the pipe 'actStatusPipe' could not be found
>
> [ERROR ->]{{data.actStatus | actStatusPipe}}

I have tried two ways,declare it in app.module's declarations:

app.module.ts:

```
import {ActStatusPipe} from '../pipe/actPipe'

@NgModule({
    declarations: [
        AppComponent,
        HomePage,
        ActivitiesList,
        ActStatusPipe
    ],
    ...
})
```

or use other module to declare and export all my pipes: //pipe

```
import {ActStatusPipe} from "./actPipe"

@NgModule({
    declarations:[ActStatusPipe],
    imports:[CommonModule],
    exports:[ActStatusPipe]
})

export class MainPipe{}
```

```
//pipe
import {MainPipe} from '../pipe/pipe.module'

@NgModule({
    declarations:[...],
    imports:[...,MainPipe],
})
```

But none of them work in my app.

Here is my code of the pipe:

```
import {Pipe,PipeTransform} from "@angular/core";

@Pipe({
    name:'actStatusPipe'
})
export class ActStatusPipe implements PipeTransform{
    transform(status:any):any{
        switch (status) {
            case 1:
                return "UN_PUBLISH";
            case 2:
                return "PUBLISH";
            default:
                return status
        }
    }
}
```

I think it is most of the same with the document(In fact,i have just copied from the document and made a little modification)

And my angular2's version is 2.1.

Lots of solution that can be searched in stackOverflow and google are tried in my app,however they don't work.

This confused me a lot,thanks for you answer!

A angular   angular2-pipe

Could you reproduce it on the plunker? – yurzui Nov 7 '16 at 5:54

lot of confusion in your code also. first try to make it simple that, create custom pipe and add in declarations: [AppComponent, CapitalizePipe] array of NgModule(). than let me know it is working? – Vinay Pandya Nov 7 '16 at 9:03

@yurzui i would try after work – rui Nov 7 '16 at 10:31

@VinayPandya the error message is below: Template parse errors: The pipe 'actStatusPipe' could not be found – rui Nov 7 '16 at 10:38

i have just copy your pipe and it works for me – Vinay Pandya Nov 7 '16 at 10:44 ✎

5 Answers

see this is working for me.

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ActStatus.pipe.ts First this is my pipe

```
import {Pipe,PipeTransform} from "@angular/core";

@Pipe({
  name:'actStatusPipe'
})
export class ActStatusPipe implements PipeTransform{
  transform(status:any):any{
    switch (status) {
      case 1:
        return "UN_PUBLISH";
      case 2:
        return "PUBLISH";
      default:
        return status
    }
  }
}
```

main-pipe.module.ts in pipe module, i need to declare my pipe/s and export it.

```
import {ActStatusPipe} from "./ActStatusPipe.pipe"; // <---

@NgModule({
  declarations:[ActStatusPipe], // <---
  imports:[CommonModule],
  exports:[ActStatusPipe] // <---
})

export class MainPipe{}
```

app.module.ts user this pipe module in any module.

```
@NgModule({
  declarations: [...],
  imports: [..., MainPipe], // <---
  providers: [...],
  bootstrap: [AppComponent]
})
```

you can directly user pipe in this module. but if you feel that your pipe is used with in more than one component i suggest you to follow my approach.

1. create pipe .

2. create separate module and declare and export one or more pipe.

3. user that pipe module.

How to use pipe its totally depends on your project complexity and requirement. may you have one pipe which used only once in whole project in that case do can directly use it without creating pipe/s module (module approach).

edited May 17 at 9:31   answered Nov 7 '16 at 10:53

                                                 Vinay Pandya
                                                 1,961   12   34

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11   Finally i find out it is because i import the pipe at the root module,and use it in a component import by other module.I just think it will work globally
     before and the bug is caused by my pipe. Your answer inspire me to find out this,thanks for your help! – rui Nov 7 '16 at 11:02

     than plz mark my answer. – Vinay Pandya Nov 7 '16 at 11:03

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2   @Rui, can you be more clear about how you solved this. – Rhyous Aug 27 '18 at 20:57

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This didnt worked for me. (Im with Angular 2.1.2). I had NOT to import MainPipeModule in app.module.ts and importe it instead in the module where the component Im using the pipe is imported too.

Looks like if your component is declared and imported in a different module, you need to include your PipeModule in that module too.

answered Dec 6 '16 at 20:54

Ramon Gonzalez
331   2   3

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3   What? That makes no sense. There isn't a global import for something like this? – Phil Jul 6 '17 at 19:37

but what if you need to import it in 2 modules? I find that doesn't work. I get a console error saying to use it in a higher module instead of 2 modules, but then app module doesn't do the trick – SeanMC May 27 '18 at 13:31

yes that is the way angular works, but if you want use that pipe module through out your angular app you can import in app.module.ts and if you want use that pipe in specific module, you need to import pipe module in that module only. – Vinay Pandya May 20 at 5:13

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If you are declaring your pipe in another module, make sure to add it to that module Declarations and Exports array, then import that module in whatever module is consuming that pipe.

answered Aug 26 '18 at 7:00

Ross
801   13   23

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```
import {CommonModule} from "@angular/common";
```

Adding this statement to the pipe module solved my problem.

answered Sep 9 '18 at 16:17

be sure, that if the declarations for the pipe are done in one module, while you are using the pipe inside another module, you should provide correct imports/declarations at the current module under which is the class where you are using the pipe. In my case that was the reason for the pipe miss

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answered Aug 6 at 17:08

Ilya Yevlampiev
1,194 2 21 37