Pass parameter to Angular 4 directive on input

Asked 1 year, 11 months ago   Active 1 year, 11 months ago   Viewed 9k times

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I have an input text field like this

```
<input type="text" class="form-control"  [inputTextFilter]="A" [ngModel]="name">
```

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and my directive is:

```
import { Directive, Input, HostListener } from '@angular/core';

@Directive({
  selector: '[inputTextFilter]'
})

export class InputTextFilterDirective {
  @Input('inputTextFilter') params: string;

  @HostListener('keypress', ['$event'])
  onKeyUp(event: KeyboardEvent) {
    console.log('got parameters: '+this.params);
  }
}
```

and I have created a Directive called "inputTextFilter" to which I want to pass the "A" parameter. My passed parameter always shows as undefined.

🅰 angular   angular2-directives

edited Sep 19 '17 at 14:58   asked Sep 19 '17 at 14:09

                                    TSG
                                    1,690   4   37   86

3 Answers

Try this.

11   **Update:**

```
import {Directive, SimpleChanges} from '@angular/core';

@Directive({
  selector: '[inputTextFilter]'
})
export class MyDirective {
  @Input('inputTextFilter') params: string;
  constructor(){}
  ngOnInit(){
     console.log(this.params)
  }
}
```

edited Sep 19 '17 at 14:49   answered Sep 19 '17 at 14:26

                                                    Gary
                                                    1,976   2   15   33

2   I think that format is depricated, but I used @Input('inputTextFilter') params: string; and params is undefined – TSG Sep 19 '17 at 14:29

     Where did you try to fetch params and is it defined in the first place in the input tag – Gary Sep 19 '17 at 14:32

     Just updated. Sleepy post. Try this now. – Gary Sep 19 '17 at 14:50

     It still prints Undefined – TSG Sep 19 '17 at 14:56

2   [inputTextFilter]="A" if A i a variable and inputTextFilter="A" if "A" is a string – Gary Sep 19 '17 at 15:34

Try like this in directive :

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```
import {Directive, Input, ElementRef} from 'angular2/core';
@Directive({
    selector: '[inputTextFilter]'
})
```

```
        console.log('inputTextFilter', this.inputTextFilter);
    }
  }
```

answered Sep 19 '17 at 14:27

Chandru
6,456 2 23 36

I've added my directive code in the original question. Looks almost identical to what you have, but params is always undefined. – TSG Sep 19 '17 at 14:39

In the hope that this helps someone else...the problem is in the template.

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When I pass the input as [myDirective]="A" the A is being intpreted as an undefined variable. Since I wanted to pass the letter A I should have said [myDirective]="'A'"

answered Sep 19 '17 at 15:18

TSG
1,690 4 37 86

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2   `inputTextFilter="A"` should also work – yurzui Sep 19 '17 at 15:27

@yurzui Please mark this as the answer. I would want to upvote it. Seems like it was all a working code and TSG is sending string into directive rather than a variable – Gary Sep 19 '17 at 15:33 ✎