Angular 2 get Input element value

Asked 2 years, 6 months ago   Active 28 days ago   Viewed 61k times

how to get html element value using ionic 2

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Below my html code

```
<div class="messagesholder" *ngFor="let chat of chatval | orderby:'[date]'" >
   <div *ngIf="chat.sender == currentuser || chat.receiver == currentuser">
    <div  *ngIf="chat.date" style="text-align: center;" >
        <p style="font-size:9px;" id="amount" #amount>{{chat.date |
  amDateFormat:'LL'}}</p>
        <input #myname [ngModel]="range" (ngModelChange)="saverange($event)"/>
      <input #myname type="text" value={{chat.date}}>
   </div>
  </div>
  <div class="message" *ngIf="chat.sender == currentuser || chat.receiver ==
currentuser" [ngClass]="{'me': currentuser == chat.sender}">
      <div class='image' *ngIf="chat.path" >
       <img *ngIf="chat.path" [src]="chat.path"/><br>
       <span *ngIf="chat.path_text">{{chat.path_text}}</span>
       <span style="font-size:9px;">{{chat.date | amDateFormat:'hh:mmA'}}</span>
      </div>
      <div *ngIf="chat.message_text">
      <span>{{chat.message_text}}</span>
      <span style="font-size:9px;">{{chat.date | amDateFormat:'hh:mmA'}}</span>
      </div>
  </div>
```

Below my ts file

```
import { Component,Inject,ViewChild,ElementRef,AfterViewInit} from '@angular/core';

export class ChatPage implements AfterViewInit {
  @ViewChild('myname') input:ElementRef;
```

★

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```
    }
```

Same date values are repeated.I want same date values are not repeated.

Because I will check two variable.

so I need chat.date value.because i binded the value of input.But i cannot get the value of input element.

i am getting this error

Cannot read property 'nativeElement' of undefined

How to fix this issue.or any other way to find slutions.

Thanks

angular   typescript   ionic2

edited Mar 16 '17 at 7:24   asked Mar 16 '17 at 5:39

                                                             Anivaishu
                                                             73   1   1   9

why do you want to use ElementRef, you can simply use ngModel – Aravind Mar 16 '17 at 5:56

Thanks.How can I consoled the ngModel value in constructor. –   Anivaishu   Mar 16 '17 at 6:00

are you assigning any value when u initialize the component for the first time – Aravind Mar 16 '17 at 6:09

No.I does not assign any value in component. –   Anivaishu   Mar 16 '17 at 6:12

Then you will get undefined – Aravind Mar 16 '17 at 6:45

5 Answers

I created a plnkr link: https://plnkr.co/edit/49TEP8lB4INJEKsy3IDq?p=preview

```
export class ApiDemoApp{
  root = ApiDemoPage;

  @ViewChild('myname') input:ElementRef;
  constructor() {
  }
  ngAfterViewInit() {
  console.log(this.input.nativeElement.value);
  }
}
```

edited Mar 16 '17 at 6:13   answered Mar 16 '17 at 5:46

Hung Cao
2,329   3   11   25

.Thanks for ur reply.Ya.I implement my component.But still getting same error –   Anivaishu   Mar 16 '17 at 5:53

Can you post your component code? – Hung Cao Mar 16 '17 at 5:54

Man, I have no idea, can you post everything about your component, I created a plunker and it works! Check out my answer for the link – Hung Cao Mar 16 '17 at 6:05

implements AfterViewInit is just a Typescript construct which gets removed on transpilation to javascript..It is used to make sure you have implemented the correct lifecycle hook.. that really doesnt make a difference in this case – Suraj Rao Mar 16 '17 at 6:06

any other way to get input element value. I tried another way console.log(< HTMLInputElement > document.getElementById('amount').value); Its consoled the value of null. – Anivaishu   Mar 16 '17 at 6:12 🖉

Use this code

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```
@ViewChild('myname') input:any;

ngAfterViewInit() {
 console.log(this.input.nativeElement.value) ;
}
```

edited Mar 16 '17 at 7:40   answered Mar 16 '17 at 6:01

Mubashir

I think Mubashir meant to write `this.input.changes..` – eko Mar 16 '17 at 6:18

I use also this.input.changes.Still get the same error – Anivaishu Mar 16 '17 at 6:26

remove type 'hidden' with 'text' in input tag – Mubashir Mar 16 '17 at 6:48

Still i get this same error Cannot read property 'changes' of undefined.otherwise i used <p style="font-size:9px;" id="amount" #amount>User name</p> How can i access this value.any other way to get input element value.Kindly help me. – Anivaishu Mar 16 '17 at 6:53 ✎

Your `input` element depends on the `*ngIf` condtion.

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```
<div *ngIf="chat.sender == currentuser || chat.receiver == currentuser">
    <div  *ngIf="chat.date" style="text-align: center;" >

        <input #myname [ngModel]="range" (ngModelChange)="saverange($event)"/>
      <input #myname type="text" value={{chat.date}}>
    </div>
</div>
```

`ngIf` directly manipulates the DOM. If the value is false your html element along with the outer div container gets removed from the DOM. Check here This is why your `ViewChild` is undefined. You will need to check for the same conditions in your component or reconsider the logic where you are accessing the element in your component. Try this:

```
ngAfterContentInit() {
    console.log(this.input.nativeElement.value);
    }
```

edited Mar 16 '17 at 8:16   answered Mar 16 '17 at 8:05

Suraj Rao
25.3k 8 67 79

Thanks.But.I have chat.date values are same.Pls refer this imgur.com/dpnLSSv I need same date values are does not show.How to fix it. – Anivaishu Mar 16 '17 at 8:13

Try angular.io/docs/ts/latest/api/core/index/... `ngAfterContentInit` lifecycle hook – Suraj Rao Mar 16 '17 at 8:15 ✎

Still.I am get this same error msg.But all if conditions are true.i have no idea.How to fix same date values are does not show. – Anivaishu Mar 16 '17 at

No.does not wrk without ngIf.still get the same err.native element is undefined. —   Anivaishu   Mar 16 '17 at 8:45

If anyone interested how to check if nativeElement has empty data inside then use `textContent` property.

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Suppose we have following HTML output from `nativeElement.outerHTML` :

```
<div _ngcontent-c8="" checkifelementempty="" class="some-class">
   <div _ngcontent-c8="">
      <b><i> a</i></b>
   </div>
</div>
```

To check if above HTML has empty text use this: `!nativeElement.textContent.trim()`

answered Jul 30 '18 at 15:48

Arsen Khachaturyan
3,858   1   19   27

Use ngModel.

0

On the basis of your code I made a small change to use ngModal. see this.

```
import { Component,Inject,ViewChild,ElementRef,AfterViewInit} from '@angular/core';

export class ChatPage implements AfterViewInit {
  myname: string;
  constructor(public modalCtrl: ModalController,public navCtrl: NavController) {}
   ngAfterViewInit() {
    console.log(this.myname);
    }
  }


<input [(ngModel)]="myname" type="hidden" value="John Doe">
```

.I used this.consoled the value of this.myname is undefined . –   Anivaishu   Mar 16 '17 at 6:25

You need to initialize the variable myname with your default value. In you case I think default value is 'John Doe'. So use this **myname: string = 'John Doe';** – Math10 Mar 16 '17 at 7:01 ✎

already mentioned in the comment – Aravind Mar 16 '17 at 7:04

k.But i dont need any initialize value and assing input tag. acutally i change my tag <p style="font-size:9px;" id="amount" #amount>{{chat.date | amDateFormat:'LL'}}</p> chat.date value binded to input tag.then how can i get this value –   Anivaishu   Mar 16 '17 at 7:06

1   Your question is not clear. Please specify your question. Use example if needed. – Math10 Mar 16 '17 at 8:49