Using routerLink and (click) in same button

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This is asking about a best practice. Is it a good practice to use routerLink and (click) in same button.

```
<button routerLink="/link" (click)="back()">
```

Because we can put the router navigation logic in the back() method, like below,

```
this.router.navigate(['/link']);
```

All I found regarding this is, this article which was not talking about the best practice to follow. If one is better than the other, can you explain the reason.

angular angular-ui-router

asked May 11 '18 at 3:50
dilantha111
398 3 14

3 Answers

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Following are few examples how you can play around with `routerLink` and `click` ,

Hope this will help :

-> If you want to redirect to certain pages you can always use this :

-> If there is a case in which you need to send Query params to route then you can use

```
<a [routerLink]="['/search-this']" [queryParams]="{text:'sam',category:'social'}">Go
Search</a>
```

-> If there is a need of code logic before navigating to the page then you need to use

```
<button (click)="createBook()">Create Book</button>

createBook(bookData){
   // Create Book logic
   this.router.navigate(['/my-book-listing']);
}
```

-> You can also use as follows but not a good practice unless you are calling function to destroy variables or save page leaving data

```
<button (click)="showLoader()" [routerLink]="['/my-book-listing']">Create Book</button>

showLoader(){
  // showLoader logic
}
```

answered May 11 '18 at 5:06

Sangwin Gawande
4,084 7 28 53

Thanks for the answer @Sangwin Gawande. Can you explain more why it's not a good practice ? using both ? I also has the feeling that it's not a good practice, which made me ask the question regarding this. – dilantha111 May 11 '18 at 9:33

You can check out this answer : stackoverflow.com/questions/14867558/… – Sangwin Gawande May 11 '18 at 11:51

I'm unsure of the best practice but I would say that it is fine to use routerLink and (click) in the same button as long as you do not answered May 11 '18 at 3:57

Joshua Chan
767 4 12

you have a good point. So it's not possible to open in a new tab when using the this.router.navigate(['/link']); ? – dilantha111 May 11 '18 at 9:38

I would think that this.router.navigate only changes the url of the current page and instantiate the proper component for the given url. If you would check out the repository in github, you can see the inner workings of the directive, for example, it checks the keyboard event for ctrl to open links in new tab. – Joshua Chan May 11 '18 at 9:43

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I would go for `routerLink` when I simply have to navigate for example, to `/link`

But if there is some logic which needs to be performed before navigating then I would go for `click()`

Also there are cases when you have to pass in query parameters with routing navigation , then also I would prefer to use `click()`

answered May 11 '18 at 4:05

Bhushan Babar
1,455 8 30

you can pass the query params in routerLink as well right ? See @Sangwin Gawande 's answer. – dilantha111 May 11 '18 at 9:35

@dilantha111 Yes, I know, I said I would 'prefer', its because in my case most of the times when query params are involved there are some complex logic involved, such as evaluating the query parameter value through an internal function and then assigning it. Also when `*ngFor` loops are involved it gets more complex. So it will not be always be straightforward as `[queryParams]="{text:'sam',category:'social'}"` , so you can make decision based on that. – Bhushan Babar May 11 '18 at 10:02

thank you @Bhushan Babar. Agree with that. – dilantha111 May 13 '18 at 6:41