

The Service in AngularJS

AngularJS supports the concept of Separation of Concerns - Divide to use service structure. Service is JavaScript functions and is responsible for certain tasks.

AngularJS supports the concepts of "Separation of Concerns" using the service structure. Service is JavaScript functions and is responsible for certain tasks. It makes them separate entities that are easy to maintain and test. Controller, filter can call them simply. Service is often injected using AngularJS's dependency injection mechanism.

AngularJS provides a lot of predefined services: \$ http, \$ scope, \$ route, \$ window, \$ location . Each service has certain tasks. For example, \$ http is used to create ajax requests on the server to retrieve data. \$ route is used to define routing information . The default AngularJS service starts with the \$ symbol.

There are two ways to create a service:

1. factory
2. service

Use factory method in AngularJS

When using the factory method, we first define the factory and attach the method to it.

```
var ungdungAngularJS = angular . module ( "ungdungAngularJS" , []); ungdungA
```

Use service method in AngularJS

Using the service method, we will define the service then assign the method to it. We also inject the services available to it.

```
ungdungAngularJS . service ( 'tinhBPService' , function ( toanhocService ) { t
```

For example:

Below is an example to illustrate the above instruction.

testAngularJS.jsp

```
Vi du Service in AngularJS
```

Cavalier AngularJS

```
ng-app = "ungdungAngularJS" ng-controller = "tinhBPController" >
```

```
So much:  type = "number" ng-model = "number" />
```

```
ng-click = "binhphuong ()" > X 2
```

```
Pass through: {{ketqua}}
```

Result:

Open the textAngularJS.jsp page on the web browser and see the results:

Ung dung AngularJS

Nhap mot so:

Ket qua: 121

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