

AngularJS Http Post Service



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AngularJS Http Post Method (\$http.post) with Parameters Example



In angularjs we use [\\$http service](#) to send or get data from remote http servers using browsers XMLHttpRequest object.

The `$http.POST()` services are used to send the data to a specific URL and expects the resource at that URL to handle the request that means we can say that POST method is used to Insert new data based on given URL and it is one of the shortcut method in [\\$http service](#).

Syntax of AngularJS \$http.post Method

Following is the syntax of using `$http.post` method in angularjs applications.

```
var app = angular.module('putserviceApp', []);
app.controller('putserviceCtrl', function ($scope, $http) {
// Simple Post request example:
var url = 'posturl', data = 'parameters',config='contenttype';
$http.post(url, data, config).then(function (response) {
// This function handles success
}, function (response) {
// this function handles error
});
});
```

If you observe syntax of angularjs `$http.post` method we have different properties like **url**, **data**, **config** and then **success** and **error** functions. We will learn each property in detail.

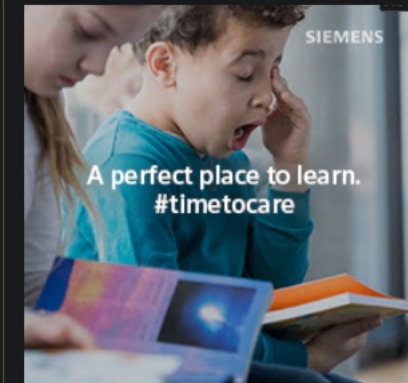
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Property	Description
url	We need to send url of http server to perform required operations.
data	We will use this property to send required parameters to requested url.
config	By using this property we can change content-type.

In above syntax, we passed \$http as argument to the controller. To use service in controller we need to pass \$http as parameter.

The response object which we will get after execution of **\$http.post** method has following properties

1. config - The configuration object is used to generate the request.
2. data - It's either string or an object.
3. headers - We can get header information.
4. status - We can get HTTP status code of the response.
5. statusText - Get HTTP status text of the response.

We will see how to use \$http.post service in angularjs with example.

Example of AngularJS \$http.post() Service

Following is the example of using angularjs **\$http.post** service in application.

```
<!DOCTYPE html>
<html>
<head>
<title>
AngularJs $http.post() Service Response Example
</title>
<script src="http://ajax.googleapis.com/ajax/libs/angularjs/1.4.8/angular.min.js"></scrip
t>
<script type="text/javascript">
var app = angular.module('postserviceApp', []);
app.controller('postserviceCtrl', function ($scope, $http) {
$scope.name = null;
$scope.age = null;
$scope.address = null;
$scope.lblMsg = null;
$scope.postdata = function (name, age, adress) {
var data = {
name: name,
age: age,
adress: adress
};
//Call the services
$http.post('/api/users/post', JSON.stringify(data)).then(function (response) {
if (response.data)
$scope.msg = "Post Data Submitted Successfully!";
}, function (response) {
$scope.msg = "Service not Exists";
$scope.statusval = response.status;
$scope.statusText = response.statusText;
```

Live Preview

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```
$scope.headers = response.headers();  
});  
});  
});  
</script>  
</head>  
<body>  
<div ng-app="postserviceApp" ng-controller="postserviceCtrl">  
<div>  
Name : <input ng-model="name" /><br/><br/>  
Age : <input ng-model="age" /><br/><br/>  
Address : <input ng-model="address" /><br/><br/>  
<input type="button" value="Send" ng-click="postData(name, age, address)" /> <br/><br/>  
</div>  
<p>Output Message : {{msg}}</p>  
<p>StatusCode: {{statusval}}</p>  
<p>Status: {{statustext}}</p>  
<p>Response Headers: {{headers}}</p>  
</div>  
</body>  
</html>
```

Now we will run and see the output of above angularjs \$http.post method that would be like as shown following.

Output of AngularJS \$http.post Service Example

Following is the result of using \$http.post service in angularjs application.

Name :

Age :

Address :

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Output Message : Service not Exists

StatusCode: 404

Status: Not Found

Response Headers: {"date":"Thu, 10 Mar 2016 01:55:28 GMT","server":"ASP.NET Development Server/10.0.0.0","connection":"Close","content-length":"1219","content-type":"text/html; charset=utf-8"}

If you observe above output we got message like "**Service not Exists**" that means the url which we defined in angularjs \$http.post() method not exists that's why it's showing error message. In case if service exists with that url it will execute and will show message like "**Post Data Submitted Successfully**".

This is how we can angularjs \$http.post method to send or insert data in remote http servers.



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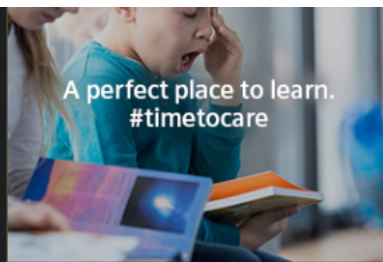
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