AngularJS API

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API stands for **A**pplication **P**rogramming **I**nterface.

AngularJS Global API

The AngularJS Global API is a set of global JavaScript functions for performing common tasks like:

* Comparing objects
* Iterating objects
* Converting data

The Global API functions are accessed using the angular object.

Below is a list of some common API functions:

|  |  |
| --- | --- |
| **API** | **Description** |
| angular.lowercase() | Converts a string to lowercase |
| angular.uppercase() | Converts a string to uppercase |
| angular.isString() | Returns true if the reference is a string |
| angular.isNumber() | Returns true if the reference is a number |

angular.lowercase()

Example

<div ng-app="myApp" ng-controller="myCtrl">  
<p>{{ x1 }}</p>  
<p>{{ x2 }}</p>  
</div>  
  
<script>  
var app = angular.module('myApp', []);  
app.controller('myCtrl', function($scope) {  
$scope.x1 = "JOHN";  
$scope.x2 = angular.lowercase($scope.x1);  
});  
</script>

[Try it Yourself »](http://www.w3schools.com/angular/tryit.asp?filename=try_ng_api_lowercase)

angular.uppercase()

Example

<div ng-app="myApp" ng-controller="myCtrl">  
<p>{{ x1 }}</p>  
<p>{{ x2 }}</p>  
</div>  
  
<script>  
var app = angular.module('myApp', []);  
app.controller('myCtrl', function($scope) {  
$scope.x1 = "John";  
$scope.x2 = angular.uppercase($scope.x1);  
});  
</script>

[Try it Yourself »](http://www.w3schools.com/angular/tryit.asp?filename=try_ng_api_uppercase)

angular.isString()

Example

<div ng-app="myApp" ng-controller="myCtrl">  
<p>{{ x1 }}</p>  
<p>{{ x2 }}</p>  
</div>  
  
<script>  
var app = angular.module('myApp', []);  
app.controller('myCtrl', function($scope) {  
$scope.x1 = "JOHN";  
$scope.x2 = angular.isString($scope.x1);  
});  
</script>

[Try it Yourself »](http://www.w3schools.com/angular/tryit.asp?filename=try_ng_api_isstring)

angular.isNumber()

Example

<div ng-app="myApp" ng-controller="myCtrl">  
<p>{{ x1 }}</p>  
<p>{{ x2 }}</p>  
</div>  
  
<script>  
var app = angular.module('myApp', []);  
app.controller('myCtrl', function($scope) {  
$scope.x1 = "JOHN";  
$scope.x2 = angular.isNumber($scope.x1);  
});  
</script>

[Try it Yourself »](http://www.w3schools.com/angular/tryit.asp?filename=try_ng_api_isnumber)