AngularJS HTML DOM

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AngularJS has directives for binding application data to the attributes of HTML DOM elements.

The ng-disabled Directive

The **ng-disabled** directive binds AngularJS application data to the disabled attribute of HTML elements.

AngularJS Example

<div ng-app="" ng-init="mySwitch=true">  
  
<p>  
<button ng-disabled="mySwitch">Click Me!</button>  
</p>  
  
<p>  
<input type="checkbox" ng-model="mySwitch">Button  
</p>  
  
<p>  
{{ mySwitch }}  
</p>  
  
</div>

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

Application explained:

The **ng-disabled** directive binds the application data **mySwitch** to the HTML button's **disabled** attribute.

The **ng-model** directive binds the value of the HTML checkbox element to the value of **mySwitch**.

If the value of **mySwitch** evaluates to **true**, the button will be disabled:

<p>  
<button disabled>Click Me!</button>  
</p>

If the value of **mySwitch** evaluates to **false**, the button will not be disabled:

<p>  
<button>Click Me!</button>  
</p>

The ng-show Directive

The **ng-show** directive shows or hides an HTML element.

AngularJS Example

<div ng-app="">  
  
<p ng-show="true">I am visible.</p>  
  
<p ng-show="false">I am not visible.</p>  
  
</div>

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

The ng-show directive shows (or hides) an HTML element based on the **value** of ng-show.

You can use any expression that evaluates to true or false:

AngularJS Example

<div ng-app="" ng-init="hour=13">  
  
<p ng-show="hour > 12">I am visible.</p>  
  
</div>

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

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| --- | --- |
| **Note** | In the next chapter, there are more examples, using the click of a button to hide HTML elements. |

The ng-hide Directive

The **ng-hide** directive hides or shows an HTML element.

AngularJS Example

<div ng-app="">  
  
<p ng-hide="true">I am not visible.</p>  
  
<p ng-hide="false">I am visible.</p>  
  
</div>

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

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