

AngularJS Directives

Estimated time for completion: 30 minutes

Overview:

In this lab you will create an AngularJS directive to use the jQuery UI AutoComplete widget.

Goals:

* Wrap a UI widget into an AngularJS directive.
* Update the AngularJS model when the UI widgets value changes.

Lab Notes:

Don’t forget to reference the AngularJS documentation at <http://docs.angularjs.org/api>.

The jQuery UI documentation at <http://api.jqueryui.com/autocomplete/>

Create the AngularJS directive

In this part of the lab, you will create an directive to allow the user to pick a value from a known list of possible values..

**Helpful links:**

* [The AngularJS documentation](http://docs.angularjs.org/api).
* [Creating Custom AngularJS Directives](http://docs.angularjs.org/guide/directive).
* The [jQuery AutoComplete](http://api.jqueryui.com/autocomplete/) documentation.

Steps:

1. Run and test the application. It should be completely functional allowing you to type European country and capital names.
2. Check the contents of the Default.html. You should see attributes named dm-auto-complete to use a jQuery UI AutoComplete widget. Currently these attributes are not functional. It is your job to implement the directive that makes these attributes functional.
3. Create a new module named dmJQueryUI in the file Directives.js.
4. Add a directive named dmAutoComplete to wrap the jQuery UI AutoComplete widget.
5. Implement the required functionality to make this directive work with the attributes already in the markup.
6. Run and test your application.

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Solutions:

The final solution for this lab is available in the ~/after directory.