Using jQuery UI plugins with Angular JS

Alain Chautard
www.interstate21.com

First, a short list of UI components

- Angular friendly:
  - Angular Material (1.0.0 RC4)
  - UI Bootstrap

- Less Angular friendly:
  - jQuery UI

jQuery UI datepicker component

- Possibly one of the most popular components
- Documentation: https://jqueryui.com/datepicker/#default
- Demo:

  http://codepen.io/achautard/pen/MadJar?editors=101

Our goal for tonight

- jQuery UI and Angular don't work together very well by default

- See the [code here](#)

- We want to fix this!

Let's see what we can do...

- Let's try to use the jQuery UI component listener and update our Angular $scope:

http://codepen.io/achautard/pen/QjRdNv?editors=101

Why is it not working?

- Let's debug…
- Is $scope.myDate actually updated?
- Why is the HTML not updated then?
- The answer:

http://codepen.io/achautard/pen/VvOPao?editors=101

Introducing $timeout

- $timeout = setTimeout() for Angular
- But we don't want to delay anything!
- Sure, we won't delay anything:

http://codepen.io/achautard/pen/QjRdEg?editors=101

Let's build an Angular directive!

- We'll have our own datePicker component
- We'll do what others have done for UI Bootstrap for instance
- What it looks like:

http://codepen.io/achautard/pen/XmwBKY?editors=101

Let's add change notification

- Any Angular controller or directive interested in our date change will be notified

- What it looks like:

http://codepen.io/achautard/pen/MadJjQ?editors=101

The End

- Raffle URL:

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