ng-animate

Animations in AngularJS: Control Your UI

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2 Types of Animations

- CSS Animations

- Javascript Animations

```
//both types inject the same module
angular.module('myapp', ['ngAnimate']);
```

CSS - Supported Directives

Events: **enter, leave**

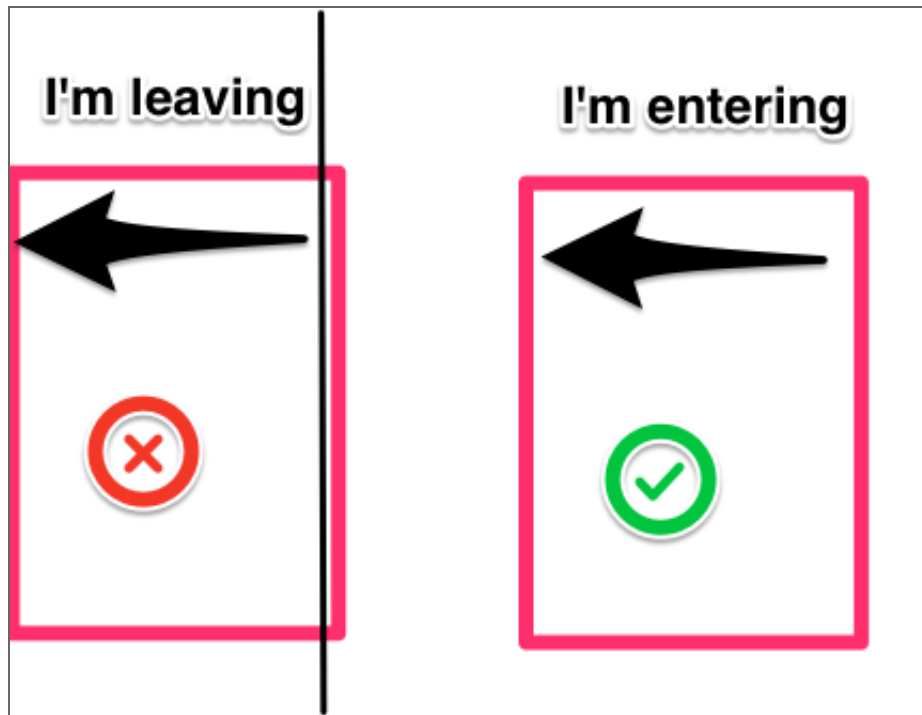`ng-view, ng-include, ng-switch, ng-if`

Events: **enter, leave, move**

`ng-repeat`

Events: **add, remove**

`ng-show, ng-hide, ng-class`

CSS - Enter/Leave

CSS classes applied:

.ng-leave-active, .ng-leave, .ng-enter-active, .ng-enter

CSS Demo

(click image to view Plunkr)

(http://plnkr.co/edit/FmxmSU?p=preview)

Javascript - event template

```
angular.module('myApp').animation('.my-class-name', function() {
  return {
    event: function(elem, done){
      //logic of animation
      done();
    }
  };
});
```

- events are the same as for CSS (enter, leave, move, add, remove)

- Use 3rd party animation libs inside! (**JQuery (http://api.jquery.com/animate/)** , **Greensock (https://greensock.com/)** , **Anima (http://lvivski.com/anima/)**)

- Remember to call `done();` !!

Javascript Demo

(click image to view Plunkr)

(http://plnkr.co/edit/b8OhUX?p=preview)

Final thoughts

- Well Thought Out, but...

- Not Intuitive

- Please Play with the Plunkr's

- Tweet me your cool animations, I want to see them!

Learning Resources

- **[Animation in AngularJS 1.2.x (http://www.yearofmoo.com/2013/08/remastered-animation-in-angularjs-1-2.html)](http://www.yearofmoo.com/2013/08/remastered-animation-in-angularjs-1-2.html)**

- **[NG-Conf 2014 presentation (https://www.youtube.com/watch?v=hC0MpgUoui4)](https://www.youtube.com/watch?v=hC0MpgUoui4)**

- **[Learn more about CSS3 transitions! (http://css3.bradshawenterprises.com/transitions/)](http://css3.bradshawenterprises.com/transitions/)**

Presentation Resources

- **Slide Deck - github.com/23limes/ng-animate-pres (https://github.com/23limes/ng-animate-pres)**

- **Plunkr - CSS (http://plnkr.co/edit/FmxmSU?p=preview)**

- **Plunkr - Javascript (http://plnkr.co/edit/b8OhUX?p=preview)**

Thank you :)

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