

Trigger CSS Animations

```
<div class="scrollContent">
  <section id="titlechart">
    <div id="description">
      <h1>Trigger CSS Animations</h1>
      <h2>Look, Ma! No animation framework needed!</h2>
      <p>
        Note this will not work for IE9, as it doesn't support CSS transitions.
      </p>
      <ol>
        <li>The easiest way to animate using CSS is by defining a class that contains the changes and then applying the class to an element using <a href="../basic/class_toggles.html">class toggles</a>.</li>
        <li>The alternative is to change an object's inline style using ScrollMagic's scene events.</li>
      </ol>
      <p>
        Sadly there is no timeline object for CSS animations, so they can only be triggered and not have their progress directly bound to scroll progress.
      </p>
      <p>
        The duration can however be used to revert the animation to the previous state after a specific scroll distance. If classes are used for animating this happens automatically if the scene has a duration.
      </p>
      <a href="#" class="viewsource">view source</a>
    </div>
    <script>
      // init controller
      var controller = new ScrollMagic.Controller();
    </script>
  </section>
  <section class="demo">
    <style type="text/css">
      #animate1 {
        transition: transform 0.3s ease-out;
      }
      .zap {
        transform: scale(2.5, 0);
      }
    </style>
    <div class="spacer s2"></div>
    <div id="trigger1" class="spacer s0"></div>
    <div id="animate1" class="box1 red">
      <p>Zap.</p>
      <a href="#" class="viewsource">view source</a>
    </div>
    <div class="spacer s2"></div>
    <script>
      // build scene
      var scene = new ScrollMagic.Scene({triggerElement: "#trigger1"})
                          // trigger animation by adding a css class
                          .setClassToggle("#animate1", "zap")
                          .addIndicators({name: "1 - add a class"}) // add indicators (requires plugin)
                          .addTo(controller);
    </script>
  </section>
  <section class="demo">
    <style type="text/css">
      #animate2 {
        transition: background-color 1s;
      }
    </style>
    <div class="spacer s2"></div>
    <div id="trigger2" class="spacer s0"></div>
    <div id="animate2" class="box1 green">
      <p>This is a grey area.</p>
      <a href="#" class="viewsource">view source</a>
    </div>
    <div class="spacer s2"></div>
    <script>
      // build scene
      var animateElem = document.getElementById("animate2");
      var scene = new ScrollMagic.Scene({triggerElement: "#trigger2", duration: 100})
                          .on("enter", function () {
                            // trigger animation by changing inline style.
                            animateElem.style.backgroundColor = "grey";
                          })
                          .on("leave", function () {
                            // reset style
                            animateElem.style.backgroundColor = "";
                          })
                          .addIndicators({name: "2 - change inline style"}) // add indicators (requires plugin)
                          .addTo(controller);
    </script>
  </section>
  <div class="spacer s_viewport"></div>
</div>
```