




# Animations





 Part of vue (basic support)

 vue



Part of angular



@angular/animations

```

@Component({
  selector: 'app-open-close',
  animations: [
    trigger('openClose', [
      state('open',
        style({ height: '200px', opacity: 1 })),
      state('closed',
        style({ height: '100px', opacity: 0.5 })),
      transition('open => closed', [ animate('1s') ]),
      transition('closed => open', [ animate('0.5s') ]),
    ]),
  ],
  template: `<div [@openClose]="isOpen ? 'open' : 'closed'">
    <p>The box is now {{ isOpen ? 'Open' : 'Closed' }}!</p>
  </div>`
})
export class OpenCloseComponent {
  isOpen = true;

  toggle() {
    this.isOpen = !this.isOpen;
  }
}
```



```
<template>
  <div>
    <button v-on:click="show = !show">Toggle</button>
    <transition name="fade">
      <p v-if="show">hello</p>
    </transition>
  </div>
</template>

<script>
export default = {
  data: { show: true }
}
</script>

<style>
.fade-enter-active, .fade-leave-active {
  transition: opacity .5s;
}
.fade-enter, .fade-leave-to {
  opacity: 0;
}
</style>
```



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✓ Part of angular  
📦 @angular/animations



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✓ Part of vue (basic support)  
📦 vue



Core



Routing



HTTP



Form handling



Form validation



State handling



Dependency injection



i18n



Animations

