# CSS-animations
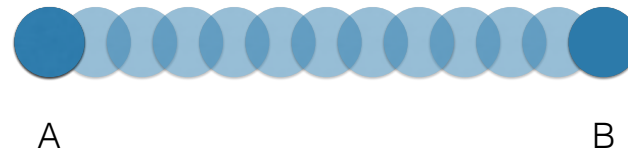
Making Web magical since HTML5

# Keyframes

A                                    B

Keyframes are the key stone of css animations

# Keyframes

```
@keyframes myFade {
    0% {
        opacity: 1;
    }
    100% {
        opacity: 0.2;
    }
}
```

Keyframes are the key stone of css animations

Omitting the start implies that the animation starts from the beginning

# Animation property

```
.myClass {
    animation-name: myFade;
    animation-duration: 2s;
    animation-delay: 0s;
    animation-iteration-count: infinite;
    animation-timing-function: linear;
    animation-direction: alternate;
}
```

Several animation properties to tune your animation perfectly
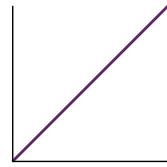
# Animation property

animation: myFade 4s 1s infinite linear alternate;
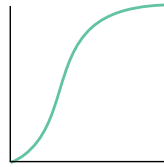
```
.myClass {
    animation-name: myFade;
    animation-duration: 2s;
    animation-delay: 0s;
    animation-iteration-count: infinite;
    animation-timing-function: linear;
    animation-direction: alternate;
}
```

You can also use shorthand syntax
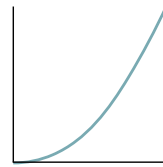
# Timing-functions


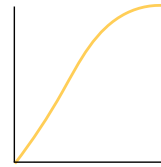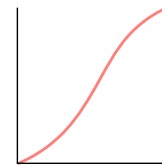
linear          ease          ease-in          ease-out          ease-in-out

Controls the acceleration of the animation

These are the most common built in variants but there are more and you can customise your own

# Multiple animations

```
.myClass {
    animation: myFade 2s 0s infinite linear alternate,
               myRotation 2s 0s infinite linear alternate;
}
@keyframes myFade {
    100% {
        opacity: 0.2;
    }
}
@keyframes myRotation {
    100% {
        transform: rotate(180deg);
    }
}
```

Separated with comma

Separate multiple animations with comma

# Vendor prefixes

To make animations work in different browsers

Chrome & Safari: -webkit-
Firefox: -moz-
Opera: -o-
Internet Explorer: -ms-

Use vendor prefixes to make animations work in several browsers

# Vendor prefixes

```
.myClass {
    -webkit-animation: myFade 2s 0s infinite linear alternate;
    -moz-animation: myFade 2s 0s infinite linear alternate;
    -ms-animation: myFade 2s 0s infinite linear alternate;
    -o-animation: myFade 2s 0s infinite linear alternate;
    animation: myFade 2s 0s infinite linear alternate;
}
```

# Vendor prefixes

```
@-webkit-keyframes myFade { /* your style */ }
@-moz-keyframes myFade { /* your style */ }
@-ms-keyframes myFade { /* your style */ }
@-o-keyframes myFade { /* your style */ }
@keyframes myFade { /* your style */ }
```

**http://thecodepub.github.io/wit/**

Instructions