



SVG Animations & Paths



Shape Animations

SVG animations can be created using the `<animate>` element.

The example below creates a rectangle that will change its position in 3 seconds and will then repeat the animation twice:

```
<svg width="1000" height="250">  
  <rect width="150" height="150" fill="orange">  
    <animate attributeName="x" from="0" to="300"  
      dur="3s" fill="freeze" repeatCount="2"/>  
  </rect>  
</svg>
```

HTML

Try it Yourself

attributeName: Specifies which attribute will be affected by the animation

from: Specifies the starting value of the attribute

to: Specifies the ending value of the attribute

dur: Specifies how long the animation runs (duration)

fill: Specifies whether or not the attribute's value should return to its initial value when the animation is finished (Values: "remove" resets the value; "freeze" keeps the "to value")

repeatCount: Specifies the repeat count of the animation

In the example above, the rectangle changes its x attribute from 0 to 300 in 3 seconds.

To repeat the animation indefinitely, use the value "indefinite" for

Continue