

S67 WARNING

본 스터디는 매우 폭력적, 선정적 개드립을 함유하고 있으며, 만 99세 미만의 어른이들에게 매우 유해합니다.

본 스터디에서 등장하는 ES6 코드는 고도로 연출된 판타지이므로, 회사에서 따라하실 때는 반드시 파트너의 동의를 구하십시오.

연사도 ES6를 잘 모르므로, 스터디 도중 곤란한 질문을 삼가해 주십시오. 페북 그룹이나 슬랙을 이용하시면 '언젠가는' 찾아서 답변해 줍니다.





- Shape Drawing Panel -> Epic Fail (orz)
- Promise gives you a control over asynchronous callbacks



Model > View



<svg blahblah...></svg>

When a event occurs..



Make an identifier

Shape

+ render()

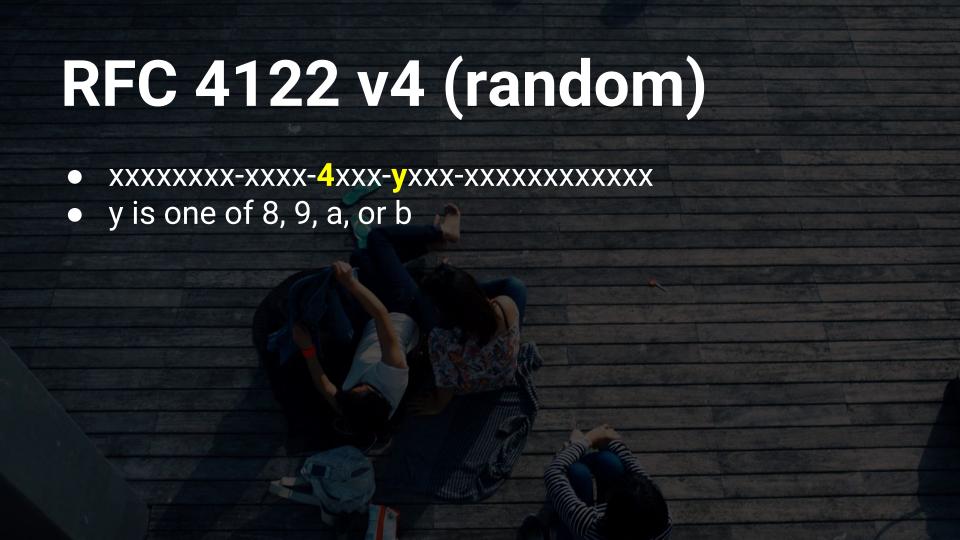
+ get **id()**



<svg id="****"></svg>

UUID

- Universally Unique IDentifier
- x is consisted of lowercase hexadecimal digits
- $1/16^{32} = 1/2^{128} = 1/3.40e + 38$ probability to collapse
 - o Prob. to Win a Lotto game: 1/8,145,060



RFC 4122 v4 (random)

```
function generateUUID() {
    let d = new Date().getTime();
    const uuid = 'xxxxxxxx-xxxx-4xxx-yxxx-xxxxxxxxxxx'.replace(/[xy]/g, c => {
        const r = (d + Math.random()*16)%16 | 0;
        d = Math.floor(d/16);
        return (c=='x'? r : r&0x3|0x8).toString(16);
    });
    return uuid;
};
```

Hex	Bin
8	0100
9	0101
а	0110
b	0111

Simplify, huh?

```
function generateUUID() {
  const r = Math.random()*16\%16 \mid 0;
     return (c=='x'? r : r&0x3|0x8).toString(16);
  });
```



Drag&drop event handler

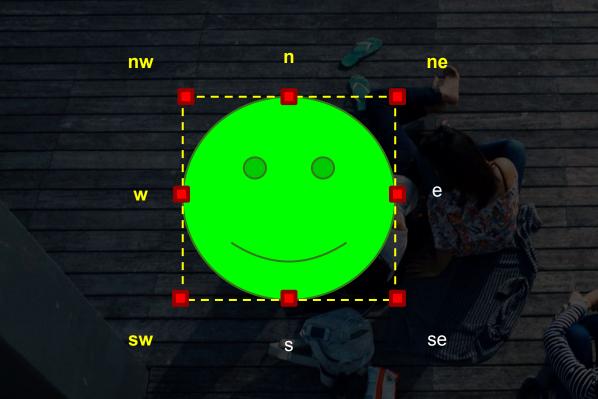
```
let mousedown = e => {
  let startX = e.pageX, startY = e.pageY,
      mousemove = e => {
          let dX = e.pageX - offsetX, dY = e.pageY - offsetY;
      }, mouseup = e => {
          window.removeEventListener('mousemove', mousemove);
           window.removeEventListener('mouseup', mouseup);
  window.addEventListener('mousemove', mousemove);
  window.addEventListener('mouseup', mouseup);
```

Moving Shape



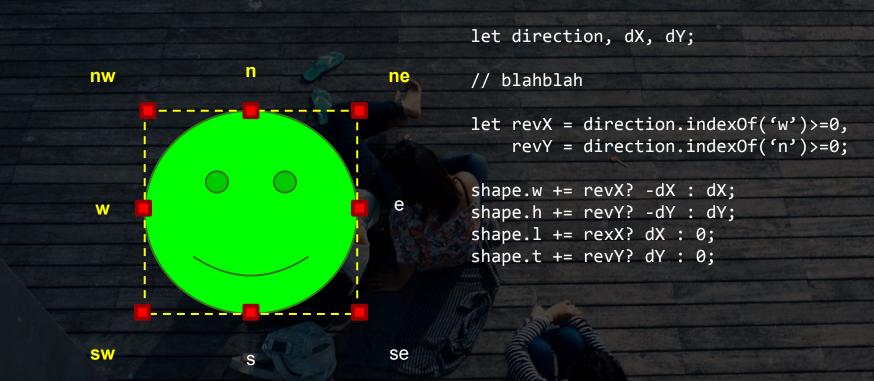
shape.l += dX; shape.t += dY;

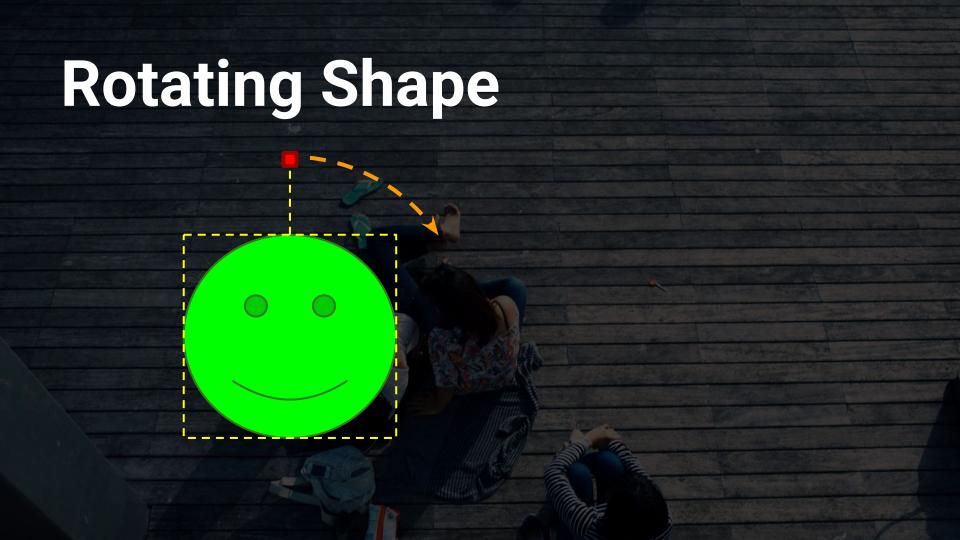
Resizing Shape



Sometimes, moving shape is required.

Resizing Shape





Angle Detection

