

An aerial photograph of the New York City skyline at dusk. The Empire State Building is prominently featured in the center, illuminated with red and green lights. The city is densely packed with skyscrapers, and the lights of the buildings are visible against the dark sky. The water of the harbor is visible in the background.

BS Study S67

Implementing DrawingML-based Shape Editor with ES6

S67 WARNING

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

An aerial view of the New York City skyline at dusk. The Empire State Building is prominently featured in the center, with its top section illuminated in red and green. The city is densely packed with skyscrapers, many of which have their lights on. The sky is a mix of dark blue and orange, indicating the time is either sunset or sunrise. The water of the harbor is visible in the background.

Previously on S67#3...

Previously on S67...

- Shape Path parser
- Template Literals



An aerial photograph of the New York City skyline at dusk. The Empire State Building is prominently featured in the center, with its top section illuminated in green and red. The city lights are visible, and the sky is a mix of dark blue and orange from the setting sun. The text "Start Making a Shape Editor!" is overlaid in the center in a large, white, bold, italicized font.

Start Making a Shape Editor!

An aerial photograph of the New York City skyline at dusk. The sky is a mix of dark purple, blue, and orange. The city is densely packed with skyscrapers, many of which are illuminated with their interior lights. The Empire State Building is prominent in the center, with its top lit in red and green. The Hudson River is visible on the right side of the image. The word "But..." is overlaid in the center in a white, italicized, sans-serif font.

But...





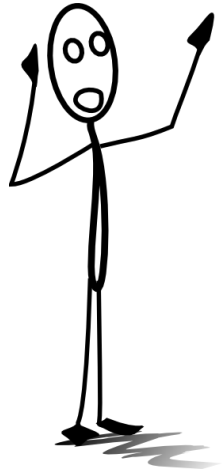
Promise

```
let prom = new Promise(resolve, reject) {  
  // 어쩌고저쩌고;;  
}
```

```
prom.then(...)
```



Promise



Meet U @ 3:00PM

10:00AM

OkayDokey



Promise

meanwhile...

```
cook()  
eat()  
watch(tv)  
cleanUp(room)
```

```
.  
. .  
. .  
. .  
. .
```



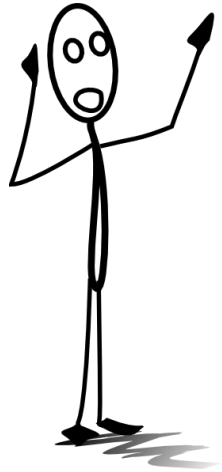
Promise

3:00PM

Where's he?



Promise



Sorry, I was late

3:10PM

Well, That's
Okay



Promise

```
let prom = new Promise(resolve, reject) {  
  // 어쩌고저쩌고;;  
}
```

```
// do anything you want  
prom.then(...)
```


Clipped Shape



Solution #1

Whole canvas size



Solution #2



Expand viewPort
at the proper size

SVG viewBox

```
<svg viewBox="{minX} {minY} {width} {height}">
```

(minX, minY)



SVG viewBox

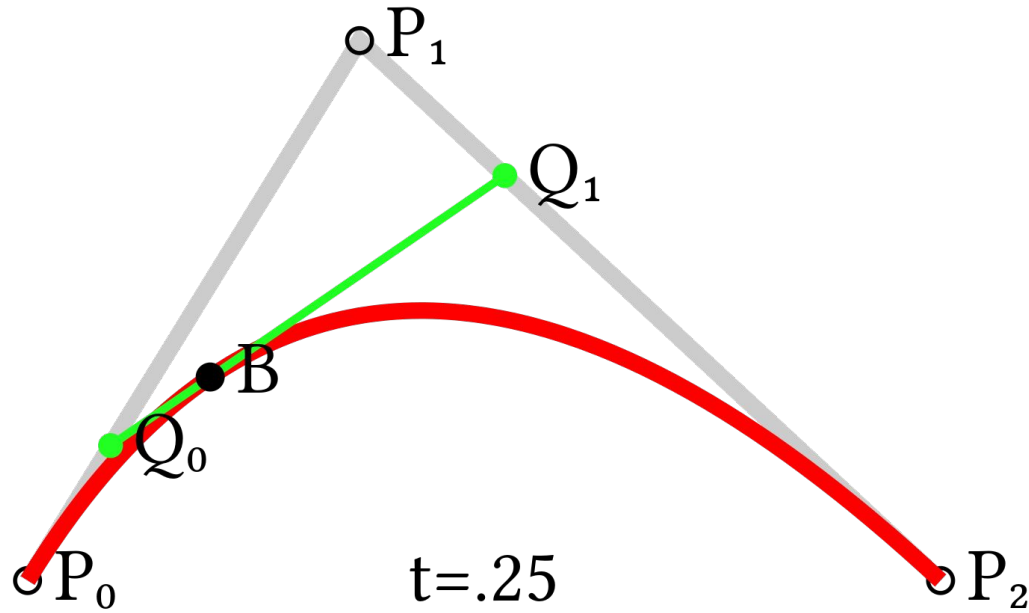
```
<svg viewBox="-100 -100 200 200">
```



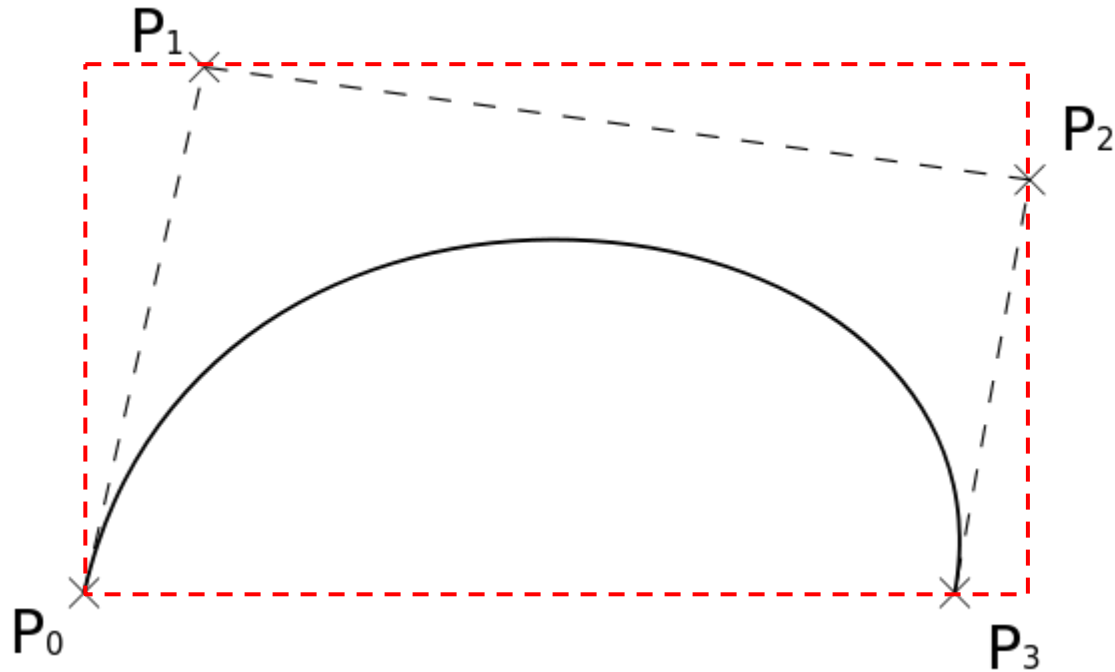
moveTo / lineTo



Bezier curve



Bezier curve



Arcs

Box based on
 $(x, y) \sim (cx + rx, cy + ry)$

