

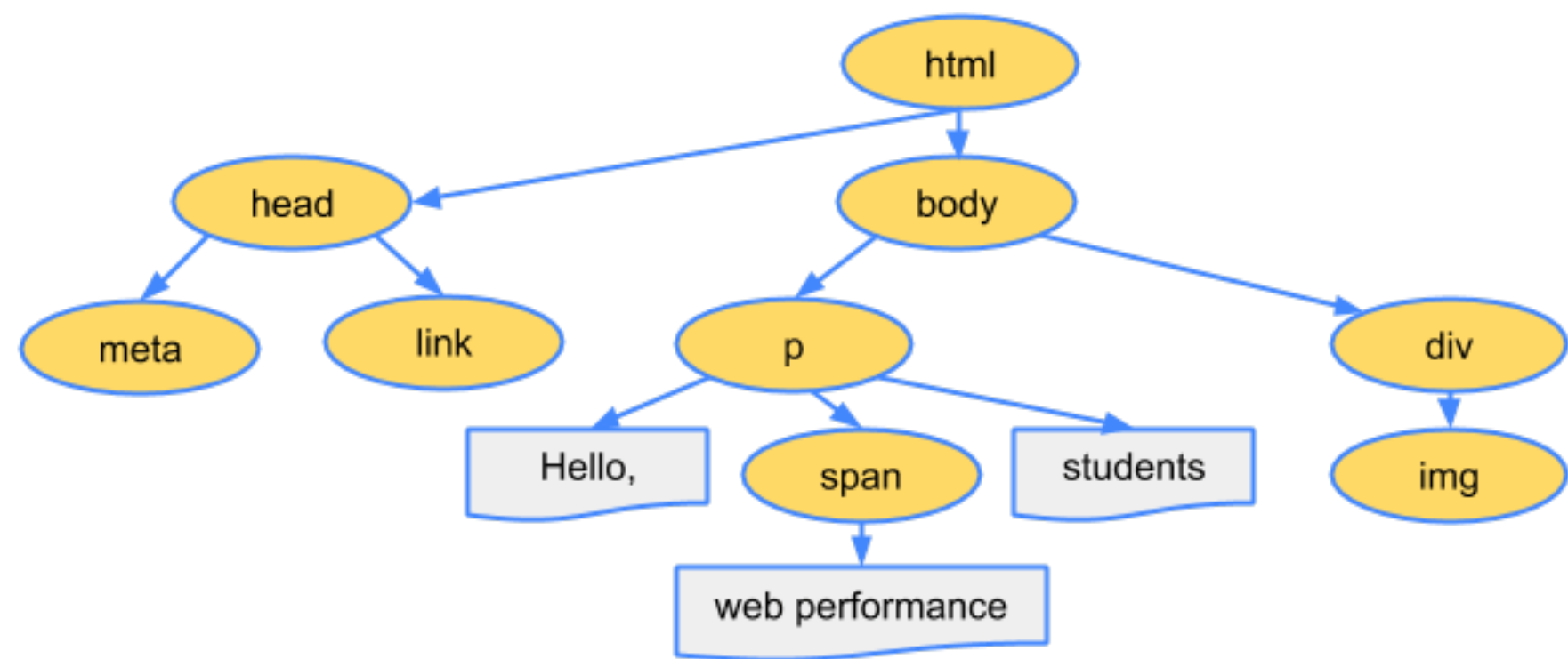
DOM, VDOM

브라우저의 렌더링 과정

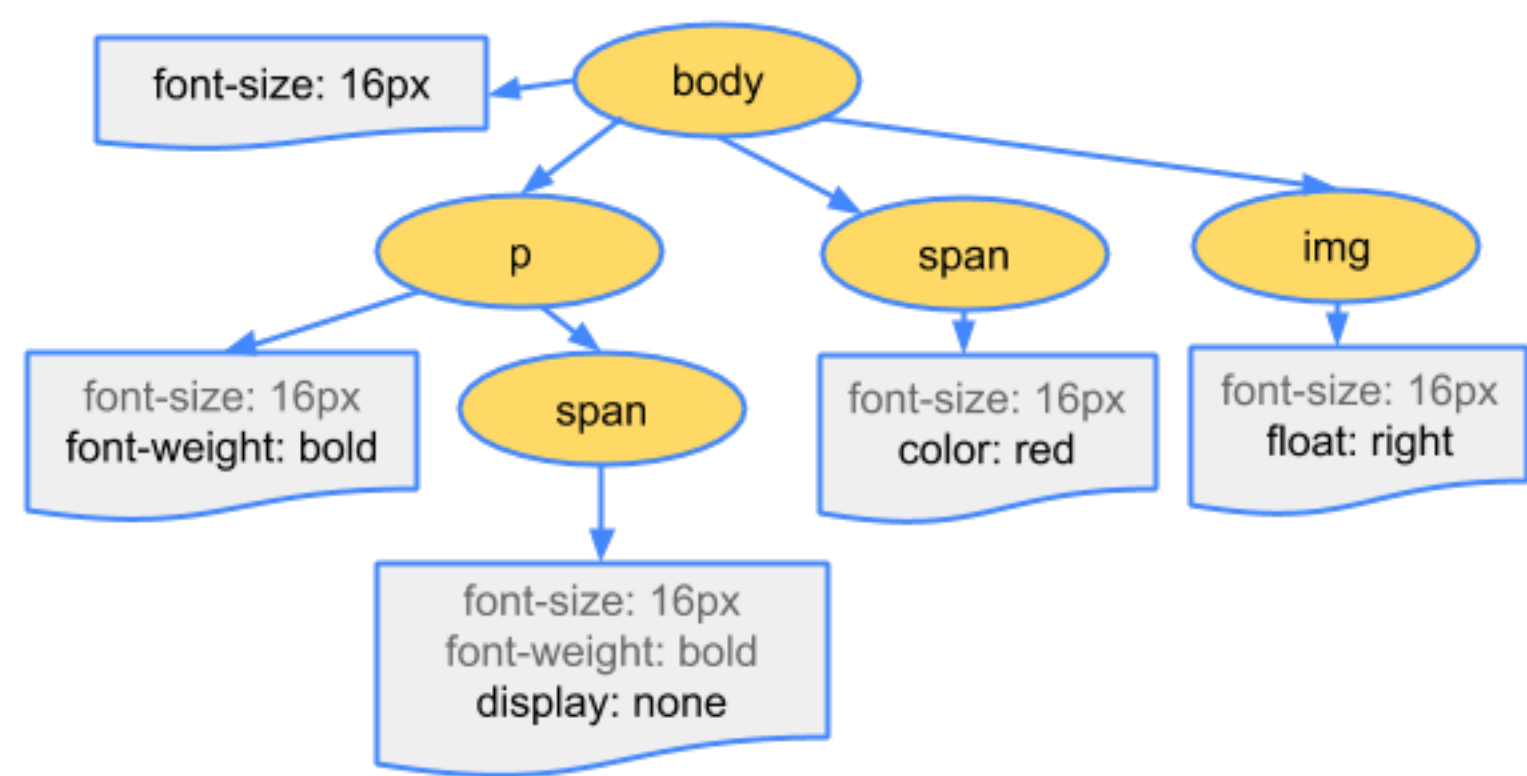
2021.06.21 최진우

브라우저 렌더링 과정

DOM 트리 (HTML)



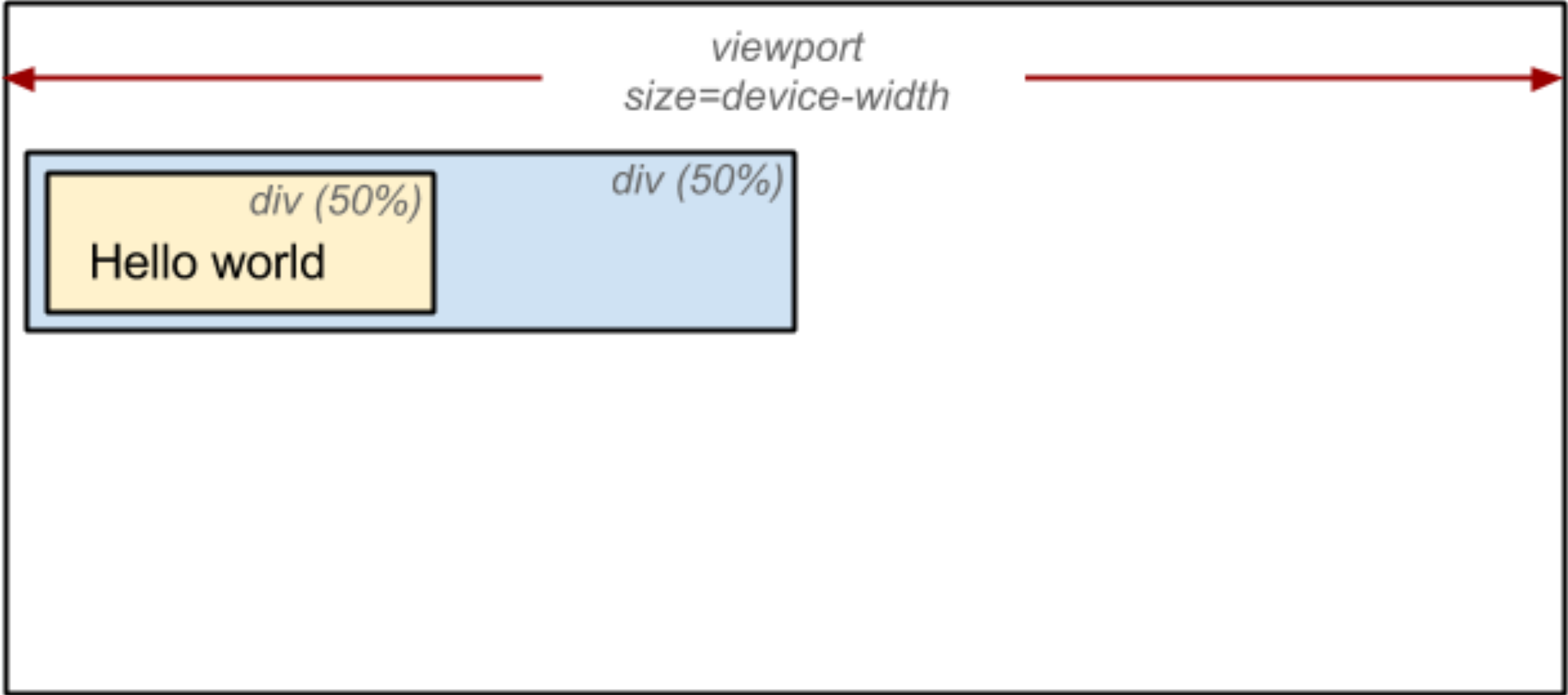
CSSOM 트리 (CSS, Inline CSS)



Render Tree

브라우저 렌더링 과정

Render Tree



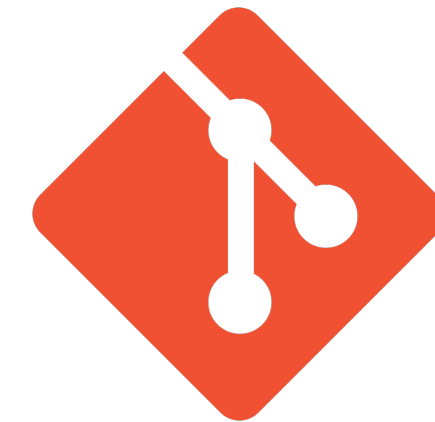
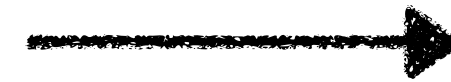
Layout - 위치 계산 (% , rem, vh, vw ...) px

Paint - 실제 Pixel을 채움

DOM은 인터페이스

인터페이스

CLI, GUI



DOM

은 인터페이스

```
<html>
  <head>
    <title>DOM</title>
  </head>

  <body>
    <p>Hello World</p>
  </body>
</html>
```

HTML에 <p> 태그의 'Hello World'를 알기 위해선?

```
HTML.substring(HTML.findIndex( '<p>' ), HTML.findIndex( '</p>' ));
```

DOM

은 인터페이스

```
<html>
  <head>
    <title>DOM</title>
  </head>

  <body>
    <p>Hello World</p>
  </body>
</html>
```

DOM을 사용한다면?

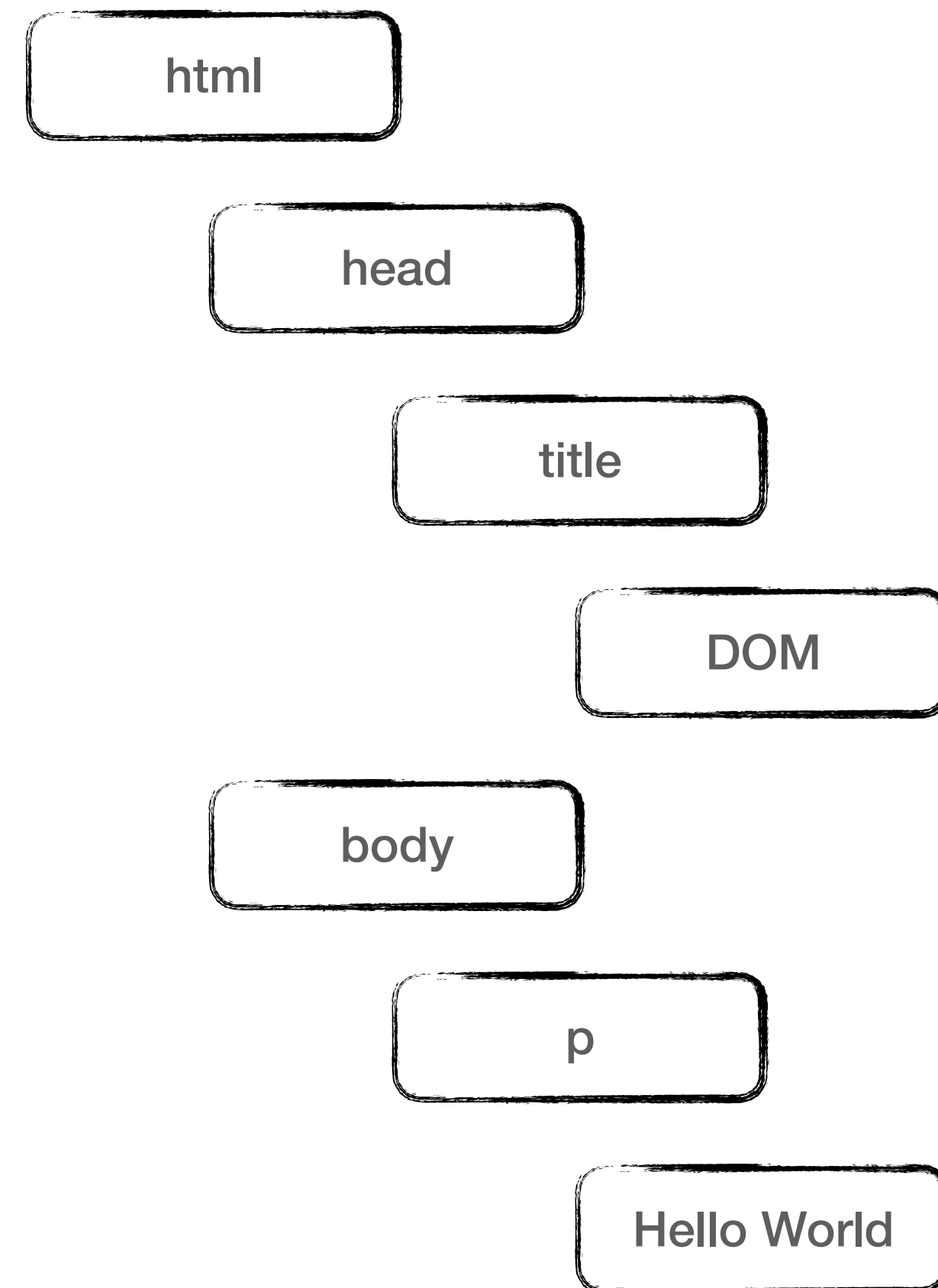
```
document.getElementsByTagName( 'p' )[0].innerText
```

DOM의 구조

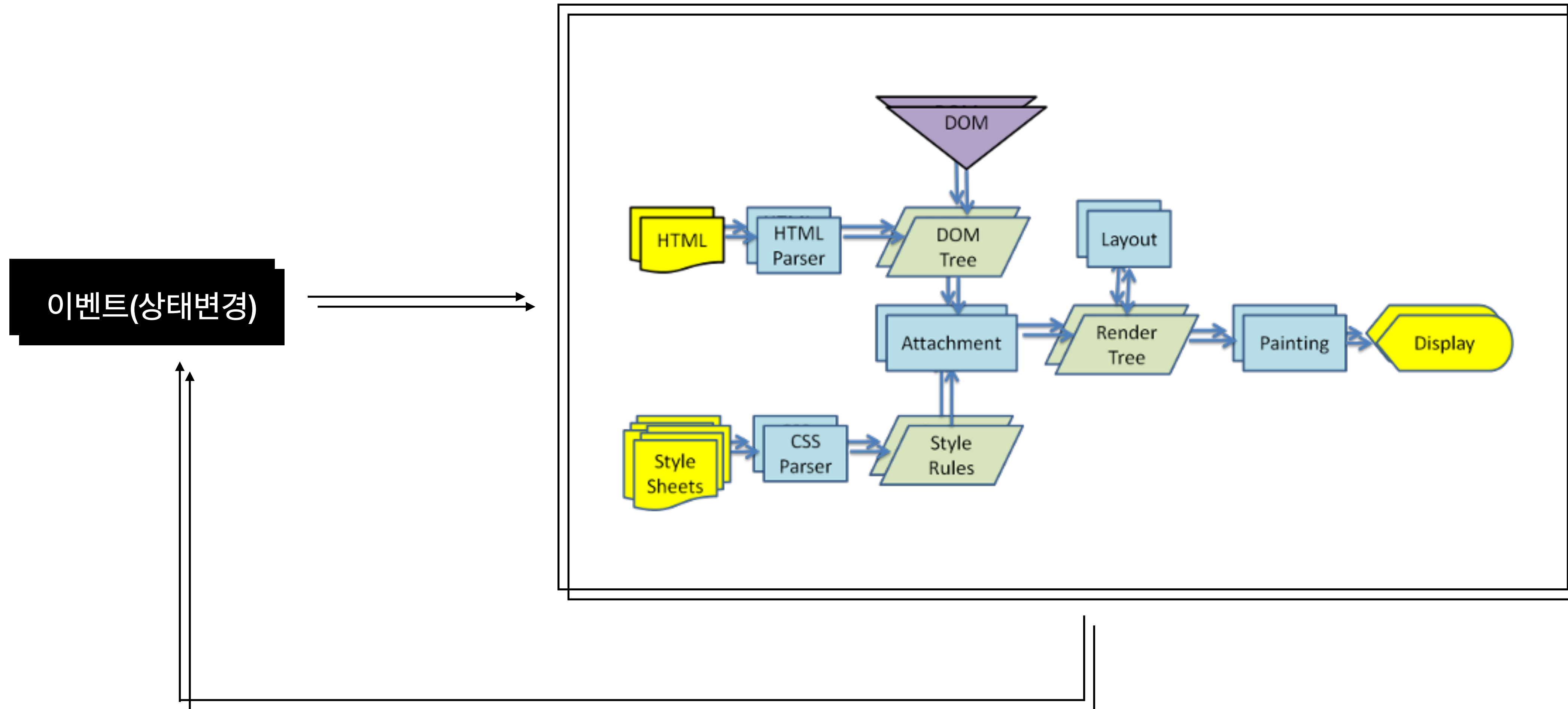
트리

```
<html>
  <head>
    <title>DOM</title>
  </head>

  <body>
    <p>Hello World</p>
  </body>
</html>
```



VDOM의 필요성



VDOM의 필요성

