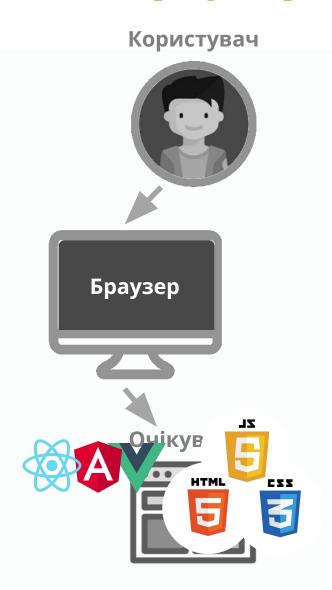
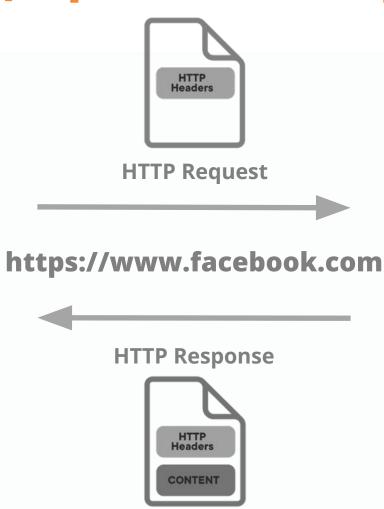
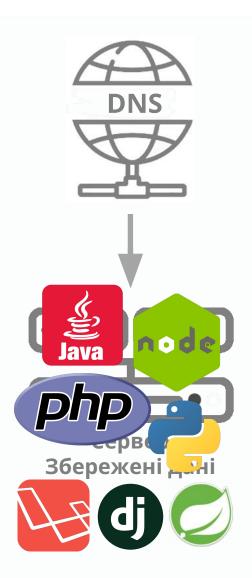


Світлана Сікора





















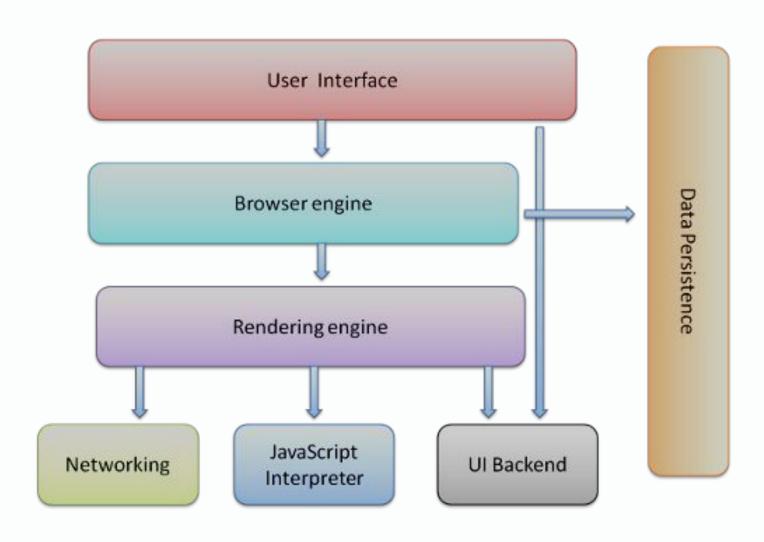
				O	THE WOOD WAS TO SEE THE PARTY OF THE PARTY O
Назва браузера	Chrome	Firefox	Internet Explorer/ Microsoft Edge	Opera	Safary
Rendering engine	Blink	Gecko	Trident/ Blink	Blink	Webkit





Структура браузера



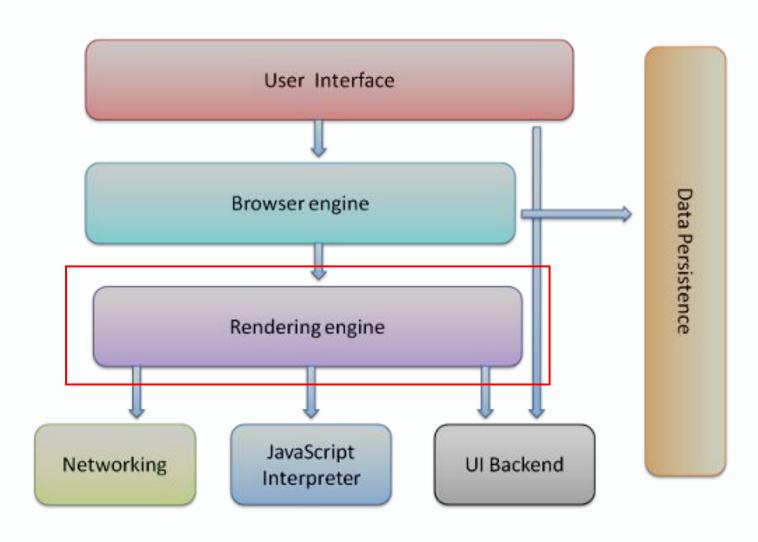






Структура браузера







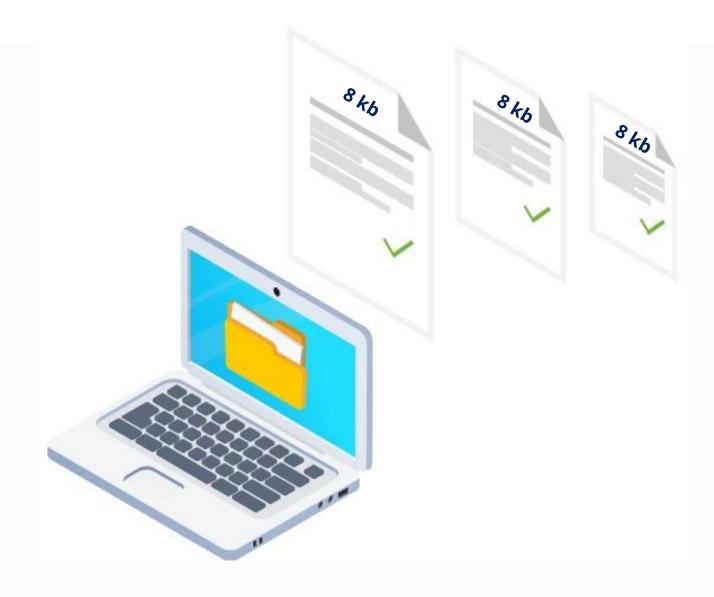




Відправлення та отримання інформації













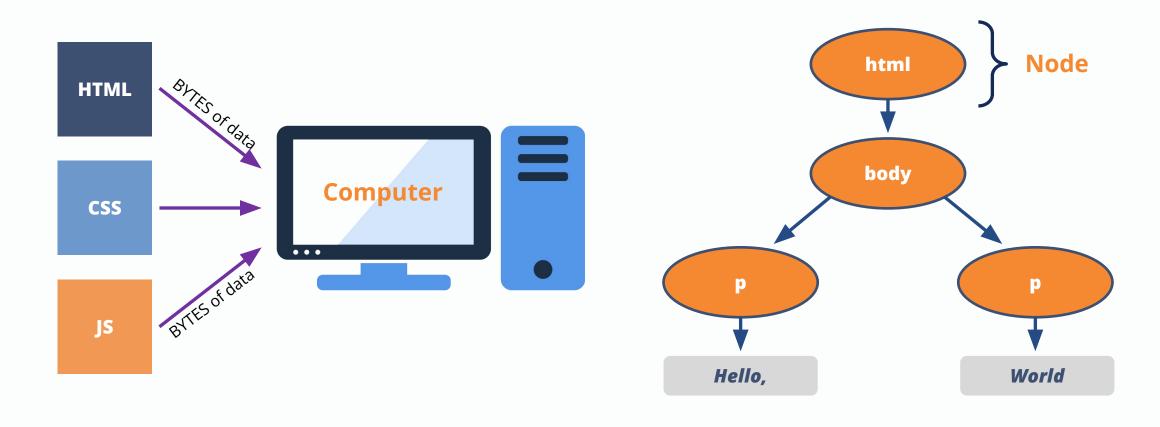
Я розумію тільки **Одиниці** та **Нулі**. Надішліть мені дані в **Байтах**!

















Спочатку HTML...



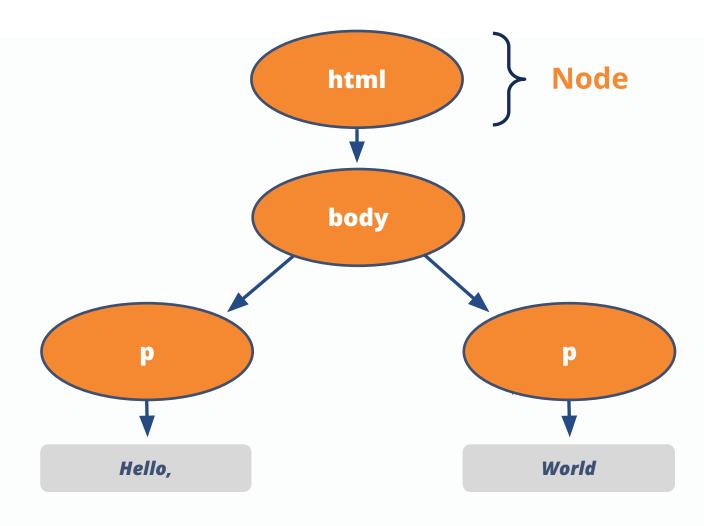


Parsing











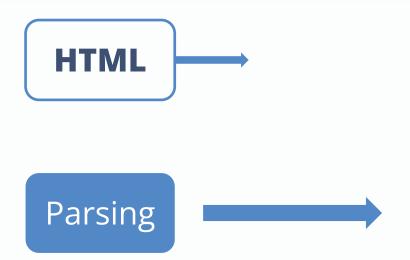


Bytes => Characters ...













Bytes => Characters => Tokens ...







.html => HTML





<html></html>



























Simple Text







```
<a> </a>
```

```
start-tag token
     a with no attributes
```

```
end-tag token
     @ with no attributes
```



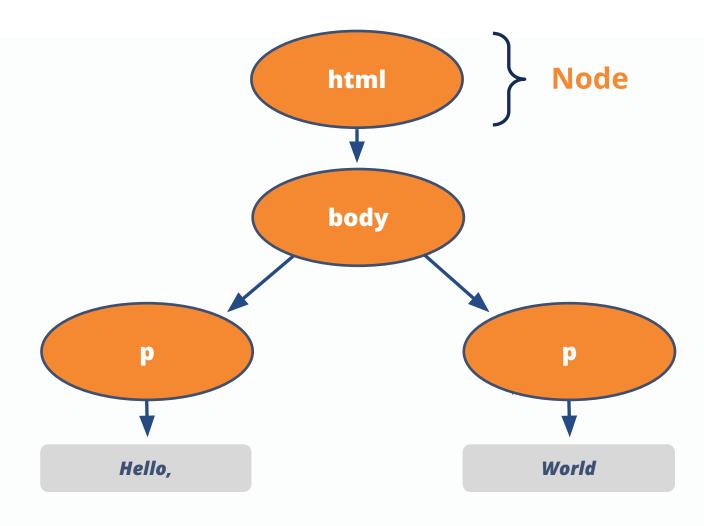


Bytes => Characters => Tokens => Node ...











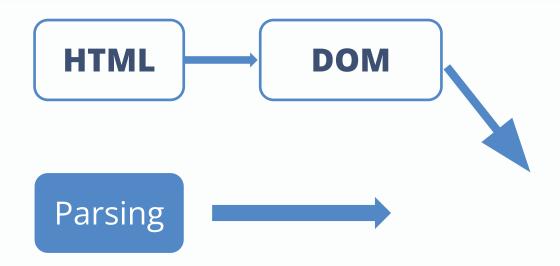


Bytes => Characters => Tokens => Node => DOM





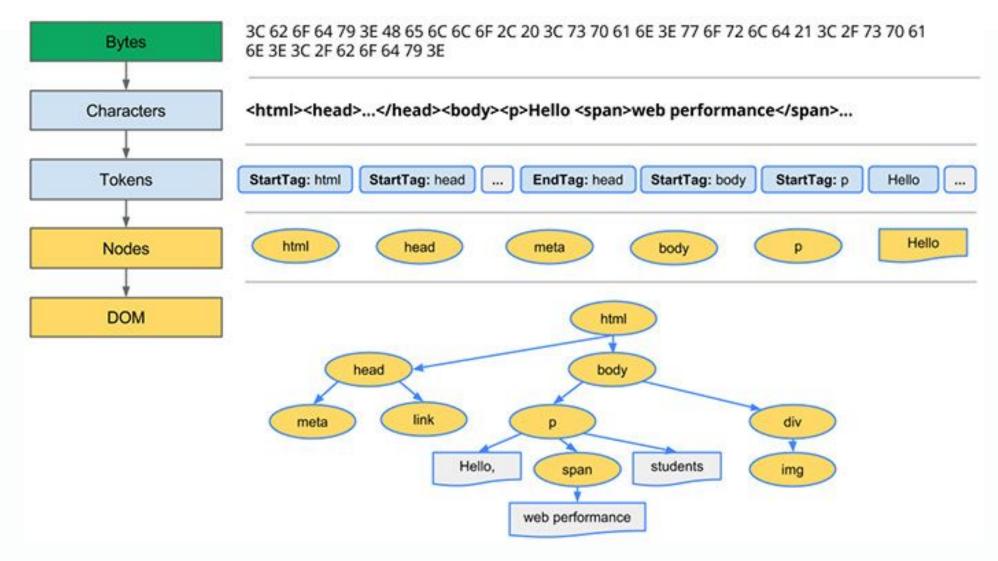


















```
<!DOCTYPE html>
<html>
   <head>
     <meta charset="UTF-8">
     <title>Example</title>
   </head>
   <body>
       <div>
            >
               HELLO WORLD
           </div>
   </body>
</html>
```





```
<...>
    <div>
        <div>
            <div>
                 <div>
                     <div>
                         <div>
                             <div></div>
                          </div>
                      </div>
                 </div>
            </div>
        </div>
    </div>
</...>
```









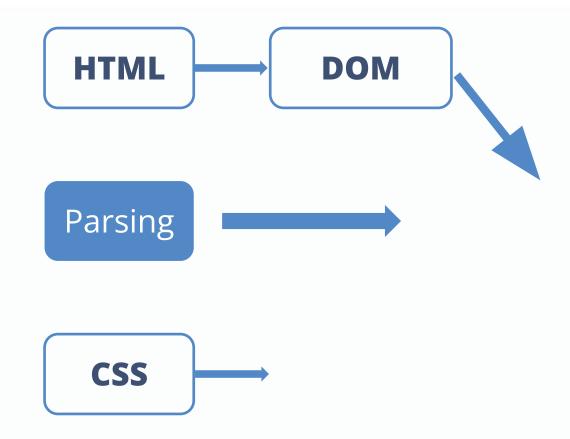


Як щодо CSS?





















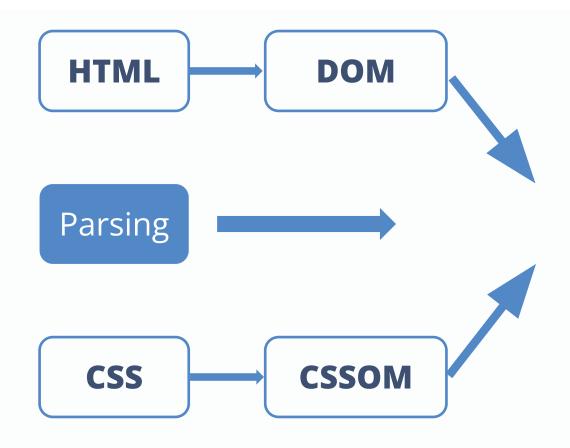


Bytes => Characters => Tokens => Node => CSSOM





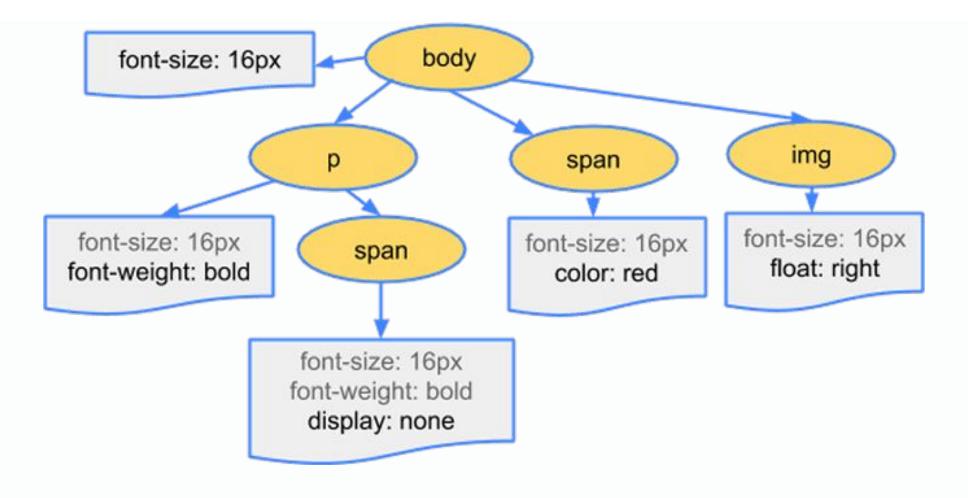








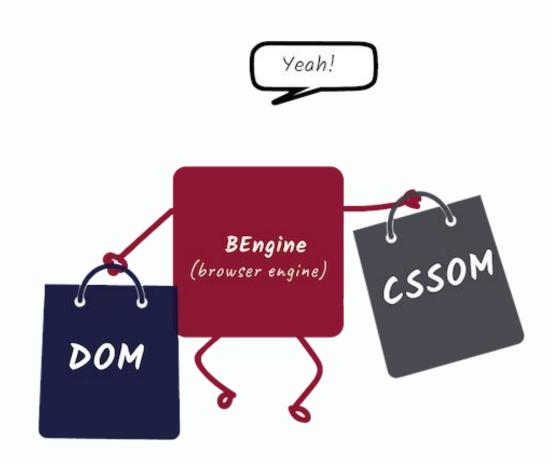








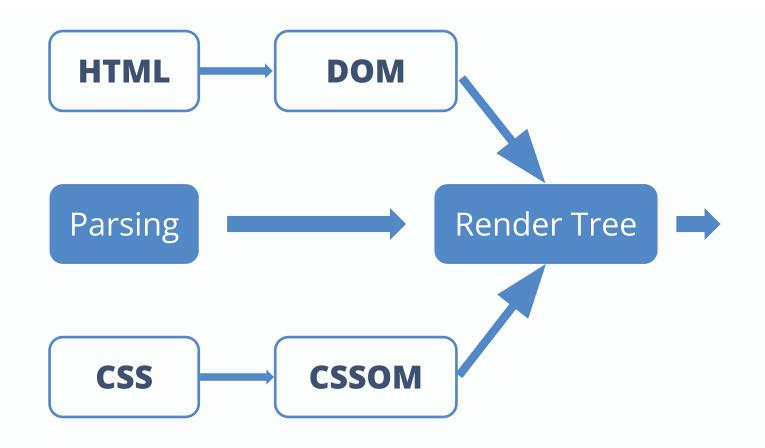
















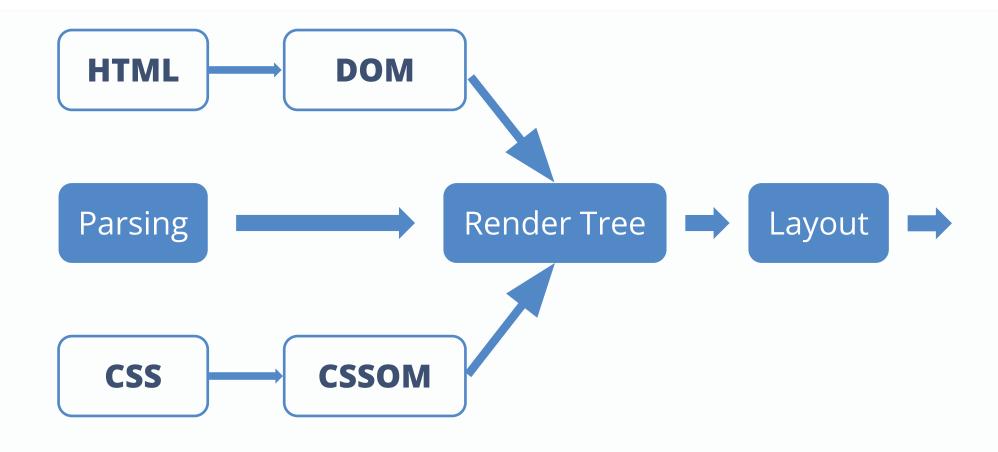


```
html
body {
  font-size: 16px;
                                                                   body
                                            head
div {
  font-size: 14px;
                                      link
                                                    script
                                                                    div
  font-weight: bold;
                                                                p
                                                                         p
span {
                                                              some
                                                                        span
                                     non-visible nodes
  display: none;
                                                                        text
                                                             "display: none"
                     excluded from the render tree
```













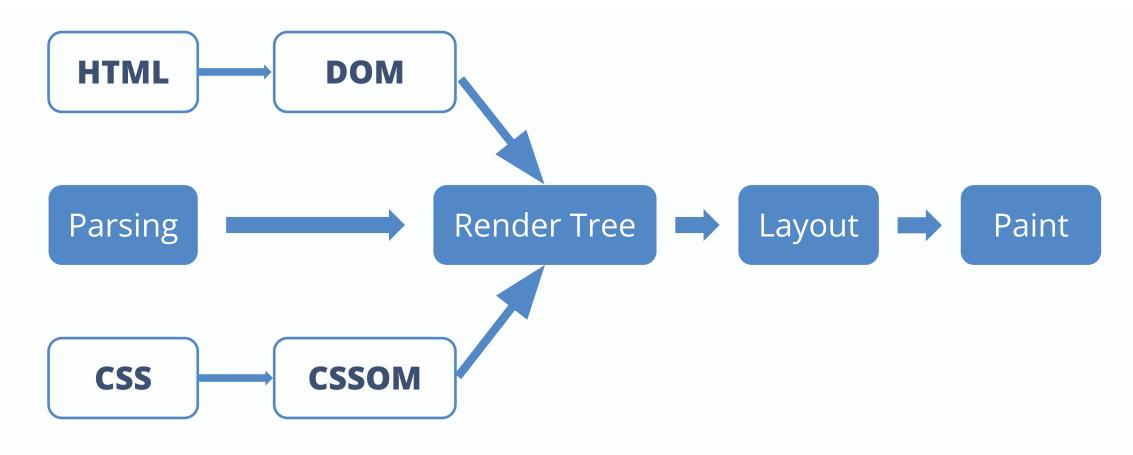


https://www.youtube.com/watch?v=ZTnlxIA 5KGw&ab_channel=Ponime





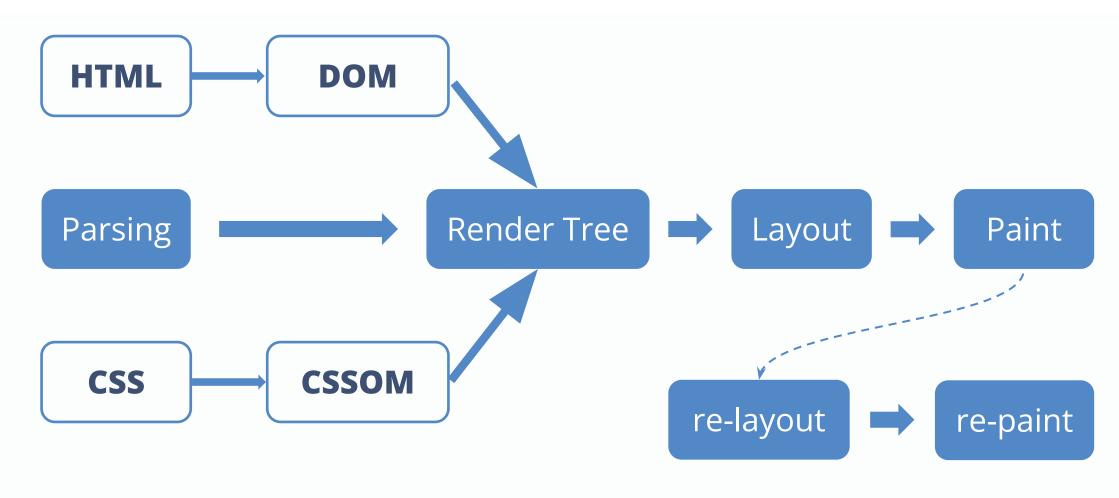








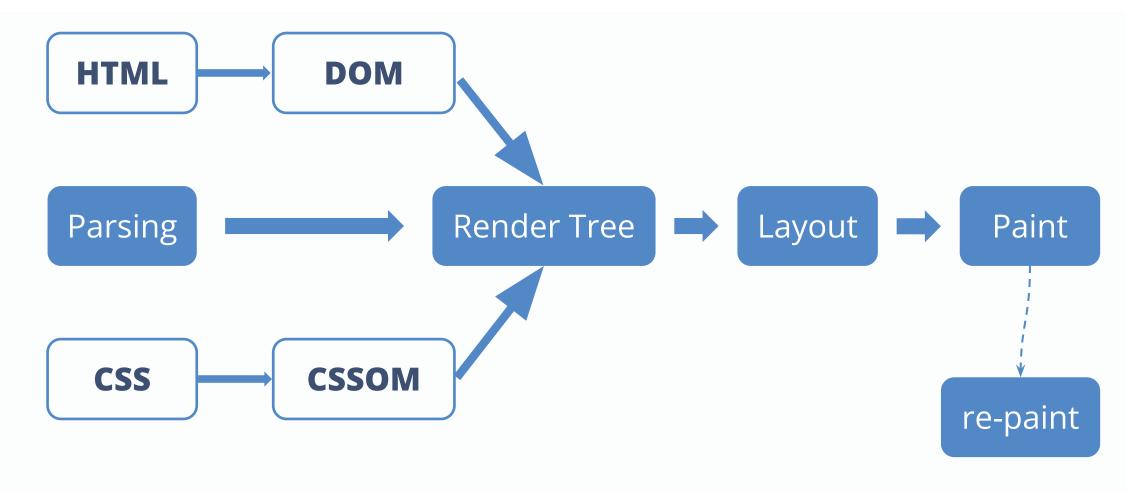
















ДЯКУЮ ЗА УВАГУ!

