

极客大学 前端进阶训练营

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前手机淘宝前端负责人

重学前端

Range API

一个问题

- 把一个元素所有的子元素逆序

- 1

- 2

- 3

- 4

- 5

- 5

- 4

- 3

- 2

- 1

Range API

- `var range = new Range()`
- `range.setStart(element, 9)`
- `range.setEnd(element, 4)`
- `var range = document.getSelection().getRangeAt(0);`

Range API

- range.setStartBefore
- range.setEndBefore
- range.setStartAfter
- range.setEndAfter
- range.selectNode
- range.selectNodeContents

Range API

- `var fragment = range.extractContents()`
- `range.insertNode(document.createTextNode("aaaa"))`

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CSSOM

document.styleSheets

- document.styleSheets
- 案例

Rules

- `document.styleSheets[0].cssRules`
- `document.styleSheets[0].insertRule("p { color:pink; }", 0)`
- `document.styleSheets[0].removeRule(0)`

Rule

- CSSStyleRule
- CSSCharsetRule
- CSSImportRule
- CSSMediaRule
- CSSFontFaceRule
- CSSPageRule
- CSSNamespaceRule
- CSSKeyframesRule
- CSSKeyframeRule
- CSSSupportsRule
-

Rule

- CSSStyleRule
 - selectorText String
 - style K-V结构

getComputedStyle

- `window.getComputedStyle(elt, pseudoElt);`
 - `elt` 想要获取的元素
 - `pseudoElt` 可选, 伪元素

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CSSOM View

window

- window.innerHeight, window.innerWidth
- window.outerWidth, window.outerHeight
- window.devicePixelRatio
- window.screen
 - window.screen.width
 - window.screen.height
 - window.screen.availWidth
 - window.screen.availHeight

Window API

- `window.open("about:blank", "_blank", "width=100,height=100,left=100,right=100")`
- `moveTo(x, y)`
- `moveBy(x, y)`
- `resizeTo(x, y)`
- `resizeBy(x, y)`

scroll

- scrollTop
 - scrollLeft
 - scrollWidth
 - scrollHeight
 - scroll(x, y)
 - scrollBy(x, y)
 - scrollToView()
- window
 - scrollX
 - scrollY
 - scroll(x, y)
 - scrollBy(x, y)

layout

- getClientRects()
- getBoundingClientRect()

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所有API

标准化组织

- khronos
 - WebGL
- ECMA
 - ECMAScript
- WHATWG
 - HTML
- W3C
 - webaudio
 - CG/WG

作业与实验：全部API的分类和整理

THANKS! |  极客大学