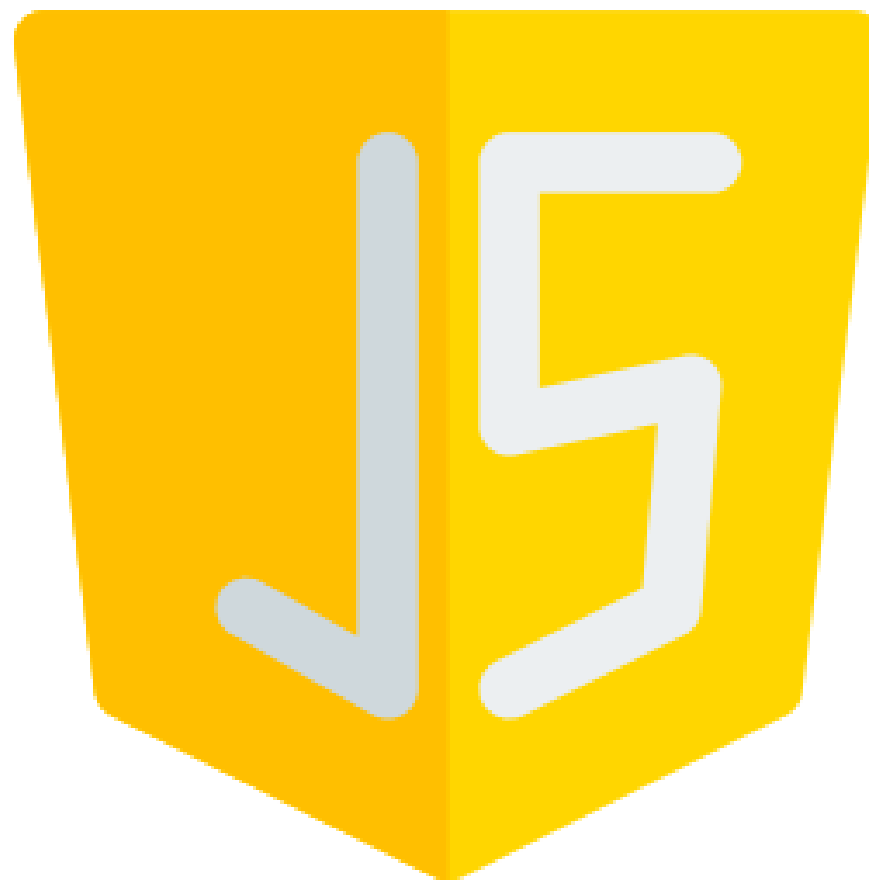


JAVA SCRIPT

BUILD-IN METHODS

IMPORTANT CHEATSHEET



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16. BOM (Browser Object Model) Methods

- `window.open()`: `const newWindow = window.open(url);`
- `window.close()`: `window.close();`
- `window.moveTo()`: `window.moveTo(x, y);`
- `window.resizeTo()`: `window.resizeTo(width, height);`

17. Web Storage API

- `localStorage.setItem()`: `localStorage.setItem('key', 'value');`
- `localStorage.getItem()`: `const value = localStorage.getItem('key');`
- `sessionStorage.setItem()`: `sessionStorage.setItem('key', 'value');`
- `sessionStorage.getItem()`: `const value = sessionStorage.getItem('key');`

18. Fetch API and XMLHttpRequest

- `fetch()`: `fetch(url).then(response => response.json());`
- `XMLHttpRequest()`: `const xhr = new XMLHttpRequest();
xhr.open('GET', url); xhr.send();`

19. History API

- `history.pushState()`: `history.pushState(stateObj, 'title', 'page2.html');`
- `history.replaceState()`: `history.replaceState(stateObj, 'title', 'page3.html');`
- `history.back()`: `history.back();`

20. WebSockets

- `WebSocket`: `const socket = new WebSocket('ws://example.com');`

21. File and FileReader API

- `FileReader.readAsDataURL()`: `const reader = new FileReader(); reader.readAsDataURL(file);`
- `FileReader.onload`: `reader.onload = function() { console.log(reader.result); }`

22. Geolocation API

- `navigator.geolocation.getCurrentPosition()`: `navigator.geolocation.getCurrentPosition(position => console.log(position));`
- `navigator.geolocation.watchPosition()`: `const watchID = navigator.geolocation.watchPosition(position => console.log(position));`

23. Performance API

- `performance.now()`: `const start = performance.now();`

24. Request Animation Frame

- `requestAnimationFrame()`:
`requestAnimationFrame(timestamp => { /* animations */ });`

25. Internationalization

- `Intl.DateTimeFormat()`: `const formatter = new Intl.DateTimeFormat('en-US'); console.log(formatter.format(date));`
- `Intl.NumberFormat()`: `const numberFormatter = new Intl.NumberFormat('en-US'); console.log(numberFormatter.format(number));`

26. Canvas API

- `getContext()`: `const ctx = canvas.getContext('2d');`

27. Drag and Drop API

- `ondragstart`: `element.ondragstart = function(event) { /* code */ }`;
- `ondrop`: `dropArea.ondrop = function(event) { /* code */ }`;

28. Mutation Observer API

- `MutationObserver()`: `const observer = new MutationObserver(callback);
observer.observe(targetNode, config);`

29. Screen API

- `screen.width`: `const screenWidth = screen.width;`
- `screen.height`: `const screenHeight = screen.height;`

30. Navigator API

- `navigator.userAgent`: `const userAgent = navigator.userAgent;`
- `navigator.onLine`: `const isOnline = navigator.onLine;`



JavaScript