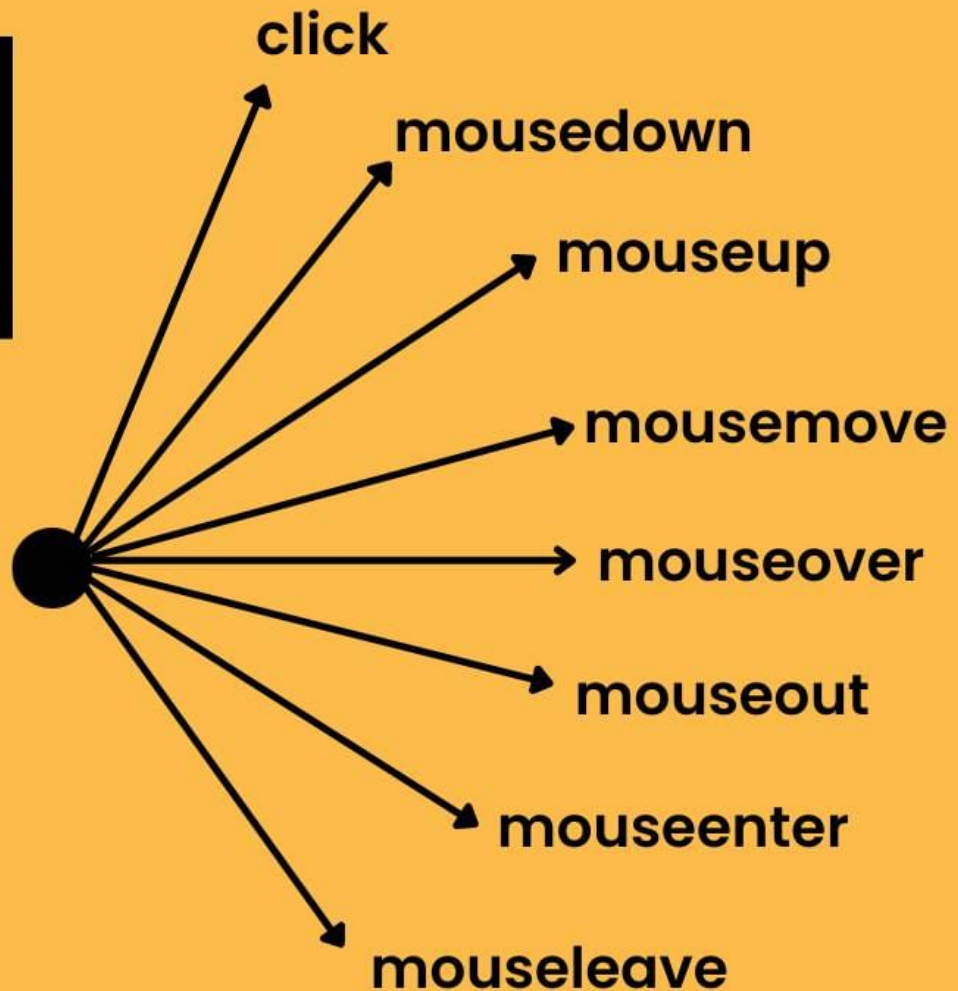


Mouse Events in JavaScript



Mouse Events



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1. click

Occurs when the mouse button is pressed and released on an element.

- Example:



```
1 button.addEventListener('click', function() {  
2     alert('Button was clicked!');  
3 });
```




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2. mousedown

Occurs when the mouse button is pressed down over an element.

- Example:



```
1 element.addEventListener('mousedown', function() {  
2     alert('Mouse button pressed down!');  
3 });
```



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3. mouseup

Occurs when the mouse button is released over an element.

- Example:



```
1 element.addEventListener('mouseup', function() {  
2   alert('Mouse button released!');  
3 });
```




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4. mousemove

Occurs when the mouse is moved over an element.

- Example:



```
1 element.addEventListener('mousemove', function() {  
2   console.log('Mouse is moving over the element!');  
3 });
```




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5. mouseover

Occurs when the mouse enters the area of an element

- Example:



```
1 element.addEventListener('mouseover', function() {  
2     alert('Mouse entered the element!');  
3 });
```




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6. mouseout

Occurs when the mouse leaves the area of an element.

- Example:



```
1 element.addEventListener('mouseout', function() {  
2     alert('Mouse left the element!');  
3 });
```



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7. mouseenter

Similar to mouseover, but it doesn't bubble.

This means that it won't be triggered by child elements.

- Example:

```
1 element.addEventListener('mouseenter', function() {  
2   alert('Mouse entered the element without triggering on children!');  
3 });
```



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8. mouseleave

Similar to mouseout, but it doesn't bubble.

This means that it won't be triggered by child elements.

- Example:

```
1 element.addEventListener('mouseleave', function() {  
2   alert('Mouse left the element without triggering on children!');  
3 });
```



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