

# Storage

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Storage

- `Storage.length`

```
window.localStorage.setItem('foo', 'a');
window.localStorage.setItem('bar', 'b');
window.localStorage.setItem('baz', 'c');

window.localStorage.length // 3
```

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# Storage.setItem()

`Storage.setItem()`

```
window.sessionStorage.setItem('key', 'value');
window.localStorage.setItem('key', 'value');
```

`Storage.setItem()`

```
window.sessionStorage.setItem(3, { foo: 1 });
window.sessionStorage.getItem('3') // "[object Object]"
```

`setItem`

```
// 
window.localStorage.foo = '123';
window.localStorage['foo'] = '123';
window.localStorage.setItem('foo', '123');
```

# Storage.getItem()

Storage.getItem() 

null 

```
window.sessionStorage.getItem('key')  
window.localStorage.getItem('key')
```



# Storage.removeItem()

Storage.removeItem()



```
sessionStorage.removeItem('key');  
localStorage.removeItem('key');
```

# Storage.clear()

Storage.clear() 

undefined 

```
window.sessionStorage.clear()  
window.localStorage.clear()
```

# Storage.key()

Storage.key() 

```
window.sessionStorage.setItem('key', 'value');  
window.sessionStorage.key(0) // "key"
```

 Storage.length  Storage.key() 

```
for (var i = 0; i < window.localStorage.length; i++) {  
  console.log(localStorage.key(i));  
}
```

# storage

Storage

storage

```
window.addEventListener('storage', onStorageChange);
```

event

StorageEvent

- StorageEvent.key  storage  clear()
- StorageEvent.newValue  null  storage  clear()
- StorageEvent.oldValue  null
- StorageEvent.storageArea
- StorageEvent.url  storage

StorageEvent.key

```
function onStorageChange(e) {  
  console.log(e.key);  
}
```

```
window.addEventListener('storage', onStorageChange);
```



- Ryan Stewart [Introducing the HTML5 storage APIs](#)
- [Getting Started with LocalStorage](#)
- Feross Aboukhadijeh, [Introducing the HTML5 Hard Disk Filler™ API](#)
- Ben Summers, [Inter-window messaging using localStorage](#)
- Stack Overflow, [Why does Internet Explorer fire the window “storage” event on the window that stored the data?](#)

- Stack Overflow, [localStorage eventListener is not called](#)
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