

JSSTORAGE

WHAT

Cookies entered the web world in 1994. Since then, several **storage solutions** have been developed, each with its own peculiarities. All methods are **browser independent** (they only work on that specific browser). They can be all found as **Application** feature, in the browser **DevTools**.

- CAPACITY
- ACCESSIBLE
- EXPIRE
- LOCATION

- SET

- GET

- REMOVE

LOCAL STORAGE

10 MB
Any Window
Never
Client

localStorage.setItem('key', 'value')
= set an item, inside the local storage => 2 parameters:
KEY & VALUE

localStorage.getItem('key')
= take something from the local storage => get the value (ex in console.log)

localStorage.removeItem('key')
= remove something from the local storage

SESSIONS

5 MB
Single Tab
On tab close
Client

sessionStorage.setItem('key', 'value')
= set an item, inside the session storage => 2 parameters:
KEY & VALUE

sessionStorage.getItem('key')
= take something from the session storage => get the value (ex in console.log)

sessionStorage.removeItem('key')
= remove something from the session storage

COOKIES

4 KB
Any Window
Manually Set
Client & Server

document.cookie = 'key=value; expires=' + new Date(2021, 11, 30).toUTCString() => month is 0 index

console.log(document.cookie),
no easy way than parsing the string itself

PURPOSE OF USE

- Track users browsing activity
- Remembering login details
- Track site visitor count (a cookie has 1 specific ID)