

Database in JavaScript (Session Storage)



What is Session Storage?

The session storage is similar to localStorage except that session storage data expires on session ends. It means the data is deleted when the browser is closed.

The maximum limit of storage is **5MB per domain.**



Before we start

If you are planning to store JavaScript objects in the session storage, you need to convert them in JSON format.

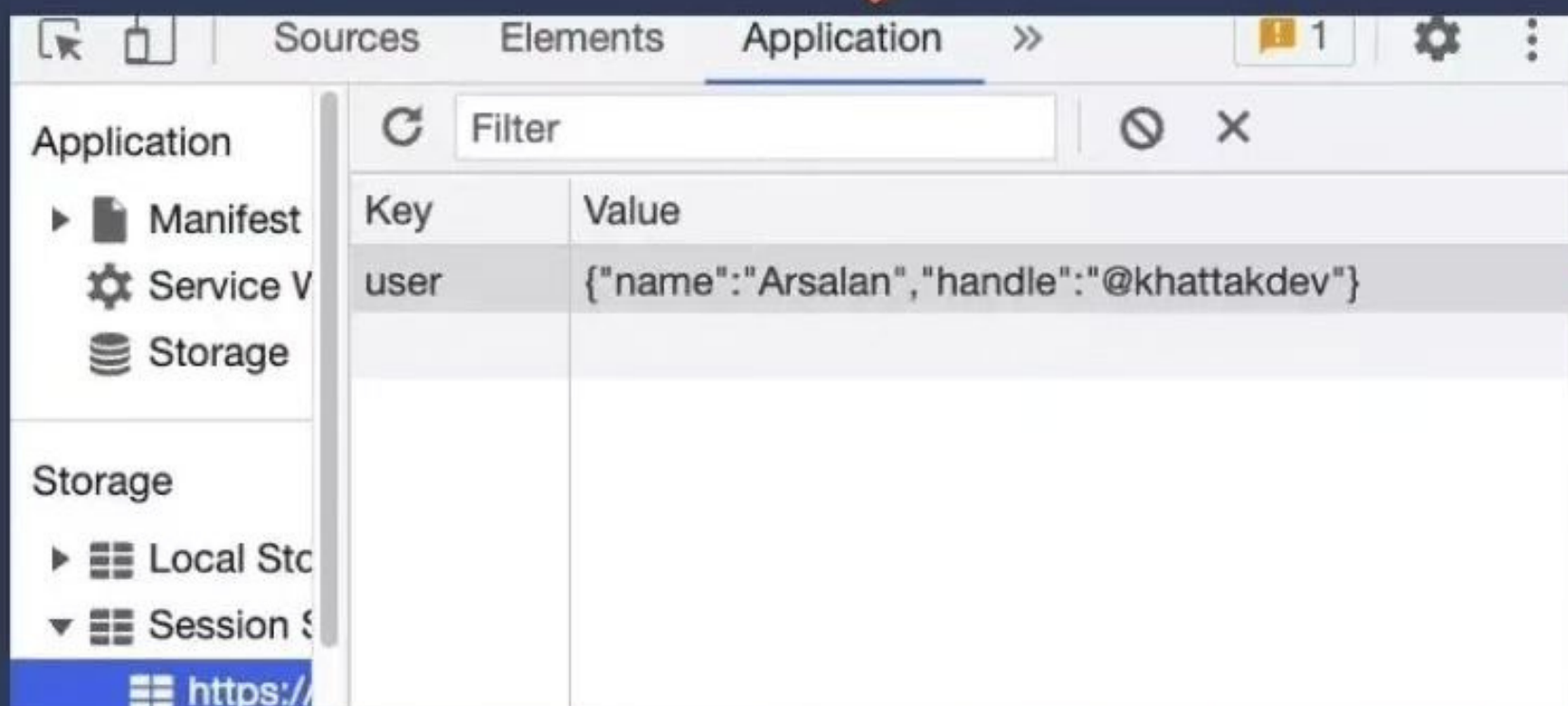


```
const user = {  
  handle: "khattakdev"  
}  
  
const userToJSON = JSON.stringify(user);
```


Visual View

To view the session storage, follow the following steps:

- 👉 Open Developer Tools
- 👉 Go to Applications Tab
- 👉 Select Session Storage



Create new record

Here's how to create a new record in the session Storage



```
const user = {  
  handle: "@khattakdev"  
}  
  
// Convert JS Object to JSON Format  
const userToJSON = JSON.stringify(user);  
  
sessionStorage.setItem("user", userToJSON);
```

Read a record

Here's how to read a record from session storage.



```
const user = sessionStorage.getItem("user");  
  
// Convert JSON to JavaScript Object  
const JSONTouser = JSON.parse(user);  
  
console.log(JSONTouser);
```


Update a record

Here's how to update an existing record in the session storage.


Reassigning new value to same key will updating (overwrite) it.



```
const user = {  
  name: "Arsalan",  
  handle: "@khattakdev"  
}  
  
// Convert JS Object to JSON Format  
const userToJSON = JSON.stringify(user);  
  
sessionStorage.setItem("user", userToJSON);
```

Delete a record

Here's how to delete an existing record in the session storage.



```
sessionStorage.removeItem("user")
```