

Modifying data from an object store

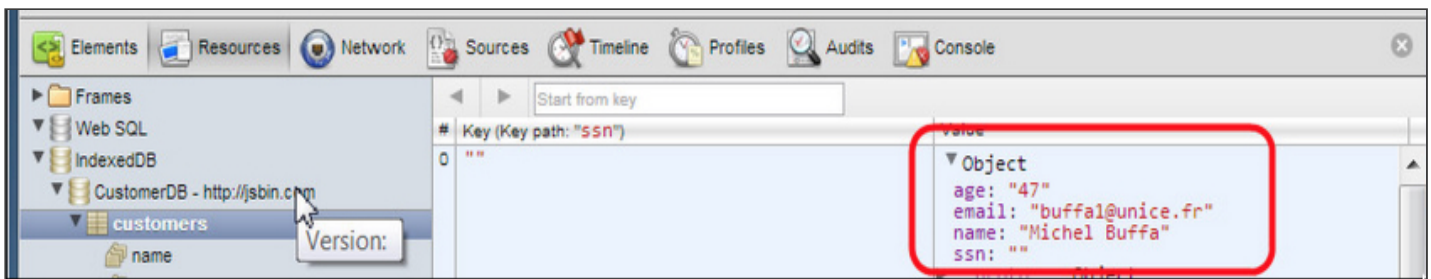
We used `request.add(object)` to add a new customer and `request.delete(keypath)` to remove a customer. Now, we will use `request.put(keypath)` to update a customer!

[Online example at JSBin:](#)

The screenshot displays a web application interface for managing a customer database. The form includes input fields for SSN (444-44-4444), Name (Michel Buffa), Age (47), and Email (buffa1@unice.fr). A text note states: "reminder, email must be unique (we declared it as a 'unique' index)". Below the form are three buttons: "Add a new Customer", "Update data about an existing Customer", and "Remove customer ssn=444-44-4444 (Bill)". The "Update data about an existing Customer" button is highlighted with a red arrow. The browser's developer tools are open, showing the "customers" collection in IndexedDB. The "Value" column displays an object with the following properties: `age: ""`, `email: ""`, `name: ""`, `ssn: ""`, and `__proto__: Object`. Red arrows indicate the flow of data from the form fields to the object in the database.

The above screenshot shows how we added an empty customer with `ssn=""`, (we just clicked on the open database button, then on the "add a new customer button" with an empty form).

Then, we just filled the `name`, `age` and `email` input fields for updating the object with `ssn=""` and clicked on the "update data about an existing customer". This updates the data in the object store, as shown in this screenshot:



Here is the code added to this example:

```
function updateACustomer() {
    if(db === null) {
        alert('Database must be opened first, please click the
        Create
        CustomerDB Database first');
        return;
    }

    var transaction =db.transaction(["customers"], "readwrite");
    // Do something when all the data is added to the
    database.
11.    transaction.oncomplete = function(event) {
        console.log("All done!");
    };
    transaction.onerror = function(event) {

        console.log("transaction.onerror" +event.target.errorCode);
    };
    var objectStore =transaction.objectStore("customers");
21.    var customerToUpdate={};

    customerToUpdate.ssn =document.querySelector("#ssn").value;
    customerToUpdate.name =document.querySelector("#name").value;

    customerToUpdate.age =document.querySelector("#age").value;
    customerToUpdate.email =document.querySelector("#email").value;

    alert('updating customer ssn=' +customerToUpdate.ssn);
}
```

```
    var request =objectStore.put(customerToUpdate);  
    request.onsuccess = function(event) {  
31.      console.log("Customer updated.");  
    };  
  
    request.onerror = function(event) {  
      alert("request.onerror, could not update customer,  
errcode= " +  
        event.target.errorCode + ". The ssn is not in the  
        Database");  
    };  
  }  
}
```

The update occurs at *line 28*.