

**Client Side**  
**Code executed on the browser**

**Server Side**  
**Code executed on the server**

Step 0: Request the page on the server

Step 1: Use modified/access content

Structure: **HTML5**  
Presentation: **CSS3**

Example:  
The page contains an Object of the class Person

Step 2: manage the logical part of the page  
Data from the form to Data in JS

Class person defined in Javascript  
Properties of the class:  
First Name and LastName

- Code in Javascript
- Logical structure of the data
  - To manage events in the page
  - To send retrieve data from the serve side

First Name   
Last Name

OK

Table person defined in the DBMS  
Column 1: Index  
Column 2: First Name  
Column3: Last Name

Class person defined in PHP  
Properties of the class:  
First Name and LastName

- DBMS (example: MySQL, MariaDB)
- Update data
  - Insert data
  - Create data
  - Delete data

- Code in PHP
- Process Data on the server side
  - Run functions ...
  - Generate HTML code
  - Run SQL queries to obtain data

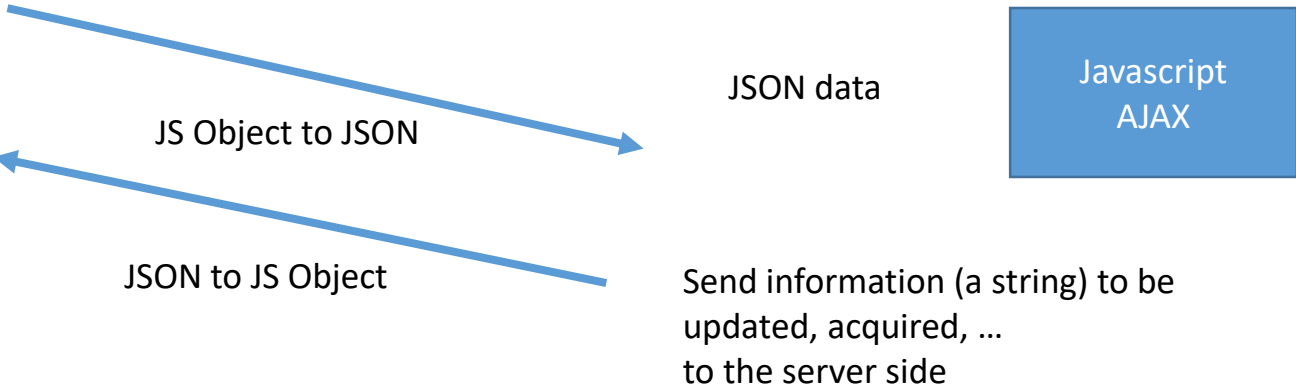
**Solution 1**

*Traditional page*

Retrieve a new HTML page, reload the page

**Solution 2**

*Single Page Application*



JSON data

JSON to PHP Object

PHP Object to JSON