References:

* <http://www.solrtutorial.com/solr-in-5-minutes.html>
* <http://skipperkongen.dk/2011/01/11/solr-with-jsonp-with-jquery/>
* <http://stackoverflow.com/>

Source code:

Java source Code for conversion:

import java.io.BufferedReader;

import java.io.BufferedWriter;

import java.io.File;

import java.io.FileNotFoundException;

import java.io.FileReader;

import java.io.FileWriter;

import java.io.IOException;

public class Convertor {

public static void main(String[] args) throws IOException {

File file = new File("Car1131.txt");

File outF = new File("F:/output.txt");

FileWriter fw = new FileWriter(outF.getAbsoluteFile());

String sCurrentLine;

BufferedReader br = new BufferedReader(new FileReader(file));

BufferedWriter bWriter = new BufferedWriter(fw);

bWriter.write("hello world");

try {

String tempJson = "";

while ((sCurrentLine = br.readLine()) != null) {

String[] values = sCurrentLine.split("\t");

tempJson+=("[{");

tempJson+=("\"id\":"+"\""+values[0]+"\"");

tempJson+=(",\"seq\_i\":"+"\""+values[1]+"\"");

tempJson+=(",\"cost\_s\":"+"\""+values[2]+"\"");

tempJson+=(",\"maint\_s\":"+"\""+values[3]+"\"");

tempJson+=(",\"doors\_s\":"+"\""+values[4]+"\"");

tempJson+=(",\"persons\_s\":"+"\""+values[5]+"\"");

tempJson+=(",\"bootspace\_s\":"+"\""+values[6]+"\"");

tempJson+=(",\"safety\_s\":"+"\""+values[7]+"\"");

tempJson+=("}]");

System.out.println(tempJson);

bWriter.write(tempJson);

tempJson="";

// file.write(",\"title\":"+"\""+Array2[1]+"\"");

}

} catch (IOException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

}

}

Web Applcation code:

HTML code:

<!DOCTYPE html>

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=Edge" />

<script src="jquery-1.7.2.min.js"></script>

<script src="handlebars-1.0.rc.1.min.js"></script>

<link rel="stylesheet" href="http://code.jquery.com/mobile/1.3.2/jquery.mobile-1.3.2.min.css">

<script src="http://code.jquery.com/jquery-1.8.3.min.js"></script>

<style>

body{background-image:url('http://wallpaper.pickywallpapers.com/1920x1200/lamborghini-aventador-lp700-in-dark.jpg');font-family:Constantia,

Helvetica, sans-serif; color:#DDA0DD; font-size:22px;}

h1 {color:#DDA0DD;}

h2 {color:#DDA0DD;}

h3 {color:#DDA0DD;}

.clearfix{clear:both;}

</style>

<title>CAR SELECTION OPTIONS</title>

</head>

<body class="car">

<form id="accounts" name="accounts" method="post" class="hidden">

<input type="hidden" id="finCompID" name="finCompID" />

</form>

<input type="hidden" id="redirectURL" name="redirectURL" value="/access/authreg/ESignRedirect?ver=myaccountsv2"/>

<div data-role="page" id="container">

<div data-role="header">

<div class="lt-box"><h1>Car Evaluator</h1> </div>

<div class="lt-box"><h3>Please select the details of the car you wish to buy!</h3> </div>

<div class="clearfix"></div>

</div>

<div class="clearfix"></div>

<div id="page1" class="row-fluid">

<form name="group" id="group" class="form-inline">

<div class="cost-options">

<label style="margin-left:30px">Cost:</label>

<select name="allCosts" id="allCosts">

<option value="Very High" {{#if grpSelected}} selected="selected">vhigh</option>

<option value="High" {{#if grpSelected}} selected="selected">high</option>

<option value="Medium" {{#if grpSelected}} selected="selected">med</option>

<option value="Low" {{#if grpSelected}} selected="selected">low</option>

</select>

</div>

<div class="maintenence-options">

<label style="margin-left:30px">Maint:</label>

<select name="allMaintenence" id="allMaintenence">

<option value="Very High" {{#if grpSelected}} selected="selected">vhigh</option>

<option value="High" {{#if grpSelected}} selected="selected">high</option>

<option value="Medium" {{#if grpSelected}} selected="selected">med</option>

<option value="Low" {{#if grpSelected}} selected="selected">low</option>

</select>

</div>

<div class="doors-options">

<label style="margin-left:30px">Doors:</label>

<select name="allDoors" id="allDoors">

<option value="2" {{#if grpSelected}} selected="selected">2</option>

<option value="3" {{#if grpSelected}} selected="selected">3</option>

<option value="4" {{#if grpSelected}} selected="selected">4</option>

<option value="more" {{#if grpSelected}} selected="selected">5-more</option>

</select>

</div>

<div class="persons-options">

<label style="margin-left:30px">Persons:</label>

<select name="allPersons" id="allPersons">

<option value="2" {{#if grpSelected}} selected="selected">2</option>

<option value="4" {{#if grpSelected}} selected="selected">4</option>

<option value="more" {{#if grpSelected}} selected="selected">more</option>

</select>

</div>

<div class="boot-options">

<label style="margin-left:30px">Luggage Boot:</label>

<select name="allBoots" id="allBoots">

<option value="small" {{#if grpSelected}} selected="selected">small</option>

<option value="medium" {{#if grpSelected}} selected="selected">med</option>

<option value="big" {{#if grpSelected}} selected="selected">big</option>

</select>

</div>

<div class="safey-options">

<label style="margin-left:30px">Safety:</label>

<select name="allSafties" id="allSafties">

<option value="low" {{#if grpSelected}} selected="selected">low</option>

<option value="medium" {{#if grpSelected}} selected="selected">med</option>

<option value="high" {{#if grpSelected}} selected="selected">high</option>

</select>

</div>

<input type="button" size="100" id="view-grp-btn" class="btn" value="Go Search for my car!">

</div>

</form>

<div class="clearfix"></div>

</div>

<div class="lt-box">

<h3> <label> Please submit the button and look for the results here: </label> <span id="results"></span></br> </h3>

</div>

<div class="clearfix"></div>

<div style="margin-top:100px;"><h3>DO YOU KNOW?</h3>Only 30% of cars in the current world are WORTH buying. Are you one among those 30%? </div>

<br><br><br>

<div data-role="footer" id="sitecount"></div>

Jquery code for web application:

<script src="functions\_final.js?v=2014-04-05-11-10"></script>

Web storage concept used:

<script>

if(typeof(Storage)!=="undefined")

{

if (localStorage.clickcount)

{

localStorage.clickcount=Number(localStorage.clickcount)+1;

}

else

{

localStorage.clickcount=1;

}

if (localStorage.clickcount==1)

{

document.getElementById("sitecount").innerHTML="Welcome!! It's the first time you are visiting this web page...";

}

else

{

document.getElementById("sitecount").innerHTML="To date, You have visited this site " + localStorage.clickcount + " time(s). ThankYou!!";

}

}

else

{

document.getElementById("sitecount").innerHTML="Sorry, your browser does not support web storage...";

}

</script>

</body>

</html>

Javascript code:

$("#view-grp-btn").click(function() {

var selectedCost = $("#allCosts option:selected").text();

var selectedMaint = $("#allMaintenence option:selected").text();

var selectedDoors = $("#allDoors option:selected").text();

var selectedPersons = $("#allPersons option:selected").text();

var selectedBoot = $("#allBoots option:selected").text();

var selectedSafety = $("#allSafties option:selected").text();

//alert("selected cost:"+selectedCost);

var url =

"http://134.193.136.127:8983/solr/new\_core/select?q=cost\_s%3A%22vhigh%22+AND+maint\_s%3A%22vhigh%22+AND+doors\_s%3A%222%22+AND+persons\_s%3A%222%22+AND+bootspace\_s%3A%22small%22+AND+safety\_s%3A%22low%22&wt=json&indent=true";

query = $("#query").val();

qstr = 'q=' + escape(query);

var params = getstandardargs().concat(qstr);

var urlData = params.join('&');

// url = url+urlData;

//alert(url);

$.ajaxSetup({ crossDomain: true, scriptCharset: "utf-8" , contentType: "jsonp; charset=utf-8"});

$.ajax({

// var options = {

type : "GET",

// url : url,

url : "http://134.193.136.127:8983/solr/new\_core/select?wt=json&indent=true&hl=true&hl.fl=,features&json.wrf=loadData",data:{"q":'cost\_s:"'+selectedCost+'" AND maint\_s:"'+selectedMaint+'" AND doors\_s:"'+selectedDoors+'" AND persons\_s:"'+selectedPersons+'" AND bootspace\_s:"'+selectedBoot+'" AND safety\_s:"'+selectedSafety+'"'},

// async : false, cache : false,

contentType: "application/json",

dataType : "jsonp",

jsonp : "callback",

jsonpCallback : "loadData",

success : function(data, textStatus, jqXHR) {

// alert("success");

},

error : function(XMLHttpRequest, textStatus, errorThrown) {

alert("error");

}

})

// $.ajax(options);

});

function loadData(data)

{

//alert("Load Data"+data);

$.each(data.response.docs,function(i,doc){

$("#results").append(doc.id);

}

);

}

function getstandardargs() {

var params = [

'wt=json'

, 'indent=on'

, 'hl=true'

, 'hl.fl=,features'

, 'json.wrf=loadData'

];

return params;

}