

**SearchAgentAlert.aspx**

Esta en dos partes

* Si usa Cliente DropDownList y Site DropDownList, recarga todo luego de postback en site
* Si usa los 3 (incluyendo el multiselect) y el postback se hace desde un button

1. **FOR CLIENT DROPDOWN / SITE DROPDOWN**

**2 Hidden fields**

For list of sites and for site selected

<asp:HiddenField id="ClienteVal" runat="server" Value="" />

<asp:HiddenField id="ListaSites" runat="server" Value="" />

<asp:HiddenField id="ListaSites2" runat="server" Value="" />

Declare global variable

bool FirstRound = true;

**This is because in the dropdown list post back to know if it is the first or the second time**

**This is if we need to load the information for an autopostback dropdown, from a button it is not needed**

**When Selecting client (Auto Postback = false)**

Client:

<asp:DropDownList ID="ddlClient" runat="server" Width="230px" />

function LoadingMessage() {

var myDDL = document.getElementById('cplMianDisplay\_ddlSites');

myDDL.options.length = 0;

var option = document.createElement('option');

option.text = "Loading....";

option.value = 0;

myDDL.add(option);

}

$(function () {

$("#cplMianDisplay\_ddlClient").change(function () {

//var selectedText = $(this).find("option:selected").text();

//var selectedValue = $(this).val();

LoadingMessage();

$("#cplMianDisplay\_ClienteVal").val($(this).val());

$("#cplMianDisplay\_ListaSites").val("");

Load\_Sites($(this).val()); });

$("#cplMianDisplay\_ddlSites").change(function () {

{

$("#cplMianDisplay\_ListaSites2").val( $(this).val() );

}

});

})

**Load Sites**

// LOAD SITES

function Load\_Sites(cliente) {

if (cliente == "-1") return;

var myDDL = document.getElementById('cplMianDisplay\_ddlClient');

var primero = myDDL[0].value;

if (primero == -1) {

myDDL.remove(0);

}

PageMethods.Load\_Sitios(cliente, OnSuccess, OnFail);

}

function OnSuccess(response) {

var myDDL = document.getElementById('cplMianDisplay\_ddlSites');

myDDL.options.length = 0;

var lista = "";

for (var i in response) {

var option = document.createElement('option');

var texto = response[i].names;

option.text = texto;

option.value = response[i].ids;

myDDL.add(option);

// In hidden field ‘,’ was changed to ‘#’

texto = texto.replace(/,/g, '#');

if (lista != "") lista = lista + ",";

lista = lista + response[i].ids + ',' + texto;

}

$("#cplMianDisplay\_listTeam").empty();

$("#cplMianDisplay\_listTeam").multiselect('refresh');

$("#cplMianDisplay\_ListaSites").val(lista);

}

function OnFail(err) {

alert(err.get\_message());

}

**Code behind**

[System.Web.Services.WebMethod]

public static List<SupvListEntity> Load\_Sitios(string cliente)

{

System.Web.Caching.Cache cache;

cache = HttpContext.Current.Cache;

DataTable dt = (DataTable)cache["TeamLeaders"];

var newSort2 = from row in dt.AsEnumerable()

where row.Field<object>("agent\_site\_id") != null

&& row.Field<string>("client\_id") == cliente

orderby row.Field<object>("agent\_site\_descr")

group row by new

{

ID = Convert.ToString(row.Field<object>("agent\_site\_id")),

nombre = row.Field<string>("agent\_site\_descr")

} into grp

select new

{

ids = Convert.ToString(grp.Key.ID),

names = grp.Key.nombre

};

List<SupvListEntity> listado = new List<SupvListEntity>();

listado.Add(new SupvListEntity() { ids = "-1", names = "Select One" });

foreach (var sitios in newSort2)

{

listado.Add(new SupvListEntity() { ids = sitios.ids, names = sitios.names });

}

return listado;

// ddlSites.Items.Clear();

// ddlSites.DataSource = newSort2;

// ddlSites.DataValueField = "ids";

// ddlSites.DataTextField = "nombres";

// ddlSites.DataBind();

//ListItem li = new ListItem("Select One", "-1");

//ddlSites.Items.Insert(0, li);

//listTeam.Items.Clear();

}

**When selecting Site make post back**

**First store in hidden field value selected**

$("#cplMianDisplay\_ddlSites").change(function () {

{

$("#cplMianDisplay\_ListaSites2").val( $(this).val() );

}

});

Sites:

<asp:DropDownList ID="ddlSites" runat="server" Width="230px" OnSelectedIndexChanged="ddlSites\_SelectedIndexChanged" TabIndex="1" AutoPostBack="True" />

protected void ddlSites\_SelectedIndexChanged(object sender, EventArgs e)

{

// READING HIDDEN FIELD

if (!FirstRound)

{

FirstRound = true;

return;

}

string lista = ListaSites.Value.ToString();

if (lista == "") return;

string cliente = ddlClient.SelectedItem.Value.ToString();

if (cliente == "-1" || cliente == "") return;

string Sites = ListaSites2.Value.ToString();

if (Sites == "-1" || Sites == "") return;

ddlSites.Items.Clear();

ArrayList arr = new ArrayList();

arr.AddRange(lista.Split(','));

int conteo = arr.Count;

// if already selected, avoid first one “-1, Select One’

int j = 0;

if (Sites != "-1" && Sites != "" && conteo > 4) j = 2;

for (int i = j; i < conteo; i=i+2)

{

string valor = arr[i].ToString();

string texto = arr[i+1].ToString();

// In hidden field ‘,’ was changed to ‘#’

texto = texto.Replace("#", ",");

ddlSites.Items.Add(new ListItem(texto, valor));

}

FirstRound = false;

ddlSites.SelectedValue = Sites;

// Load Team Leaders with site selected

LoadTMsFromCache(Sites);

//cliente = ddlClient.SelectedItem.Value.ToString();

//if (cliente != "-1")

//{

// LoadTMsFromCache();

//}

}

1. **FOR CLIENT DROPDOWN / SITE DROPDOWN / TEAM LEADERS MULTISELECT, todos los Dropdownlist AutoPostBack = False o son combos html**

**If you want to avoid post back for sites when loading Team Leaders then**

1. Declare global variable

bool FirstRound = true;

This is to

1. Don’t use protected void ddlSites\_SelectedIndexChanged(object sender, EventArgs e)
2. Post Back to false

Client:

<asp:DropDownList ID="ddlClient" runat="server" Width="230px" />

Sites:

<asp:DropDownList ID="ddlSites" runat="server" Width="230px" TabIndex="1" />

O usar combos HTML para evitar el AutoPostBack en ddlClient pero por usar master pages se debe incluir al referirlo **cplMianDisplay\_ddlClient**

<select id="**ddlClient**" style="width:230px;">

<option value="1">test1</option>

<option value="2" selected="selected">test2</option>

<option value="3">test3</option>

</select>

<select id="**ddlSites**" style="width:230px;"></select>

Para Multiselect

<asp:ListBox ID="listTeam" runat="server" CssClass="multiSelectDropdown" onchange="LoadTMs()"

SelectionMode ="Multiple" TabIndex="3" />

1. HIDDEN FIELDS

<asp:HiddenField id="ClienteVal" runat="server" Value="" />

<asp:HiddenField id="ListaSites" runat="server" Value="" />

<asp:HiddenField id="SitioVal" runat="server" Value="" />

<asp:HiddenField id="SitioText" runat="server" Value="" />

1. onChange

function LoadingMessage() {

var myDDL = document.getElementById('cplMianDisplay\_ddlSites');

myDDL.options.length = 0;

var option = document.createElement('option');

option.text = "Loading....";

option.value = 0;

myDDL.add(option);

}

$(function () {

$("#cplMianDisplay\_ddlClient").change(function () {

LoadingMessage();

$("#cplMianDisplay\_ClienteVal").val($(this).val());

// Clean sites

$("#cplMianDisplay\_ListaSites").val("");

Load\_Sites($(this).val()); });

//var selectedText = $(this).find("option:selected").text();

//var selectedValue = $(this).val();

});

$("#cplMianDisplay\_ddlSites").change(function () {

{

var sitio = $(this).val();

var texto = $(this).find("option:selected").text();

$("#cplMianDisplay\_SitioVal").val(sitio);

$("#cplMianDisplay\_SitioText").val(texto);

LoadTeamLeaders ( sitio );

}

});

})

// FOR MULTISELECT

function LoadTMs()

{

var elem = document.getElementById("cplMianDisplay\_listTeam");

var lista = "";

for (i = 0; i < elem.options.length; i++) {

opt = elem.options[i];

if (opt.selected) {

if (lista != "") lista = lista + ",";

var texto = opt.text;

texto = texto.replace(',', "#");

lista = opt.value + "," + texto;

}

}

$("#cplMianDisplay\_ListaTMs").val(lista);

}

1. Load Sites

// LOAD SITES

function Load\_Sites(cliente) {

if (cliente == "-1") return;

// take away first option if first option is ‘Select One’

var myDDL = document.getElementById('cplMianDisplay\_ddlClient');

var primero = myDDL[0].value;

if (primero == -1) {

myDDL.remove(0);

}

PageMethods.Load\_Sitios(cliente, OnSuccess, OnFail);

}

function OnSuccess(response) {

var myDDL = document.getElementById('cplMianDisplay\_ddlSites');

myDDL.options.length = 0;

var lista = "";

for (var i in response) {

var option = document.createElement('option');

var texto = response[i].names;

var valor = response[i].ids;

option.text = texto;

option.value = valor;

myDDL.add(option);

// avoid in the list -1 Select All

if ( valor != '-1') {

// Change ‘,’ to ‘#’ to avoid confusion for ‘,’ delimiter

texto = texto.replace(/,/g, '#');

if (lista != "") lista = lista + ",";

lista = lista + valor + ',' + texto;

}

}

$("#cplMianDisplay\_listTeam").empty();

$("#cplMianDisplay\_listTeam").multiselect('refresh');

$("#cplMianDisplay\_ListaSites").val(lista);

}

1. Load Team Leaders

//LOAD TEAM LEADERS

function LoadTeamLeaders( sitio) {

if (sitio == "-1") return;

var cliente = $("#cplMianDisplay\_ClienteVal").val();

PageMethods.Load\_TeamLeaders(cliente, sitio, OnSuccess2, OnFail2);

}

function OnSuccess2(response) {

$("#cplMianDisplay\_listTeam").empty();

$("#cplMianDisplay\_listTeam").multiselect('refresh');

for (var i in response)

{

var texto = response[i].names;

var valor = response[i].ids;

$("#cplMianDisplay\_listTeam").append('<option value=' + valor + '>' + texto + '</option>');

}

$("#cplMianDisplay\_listTeam").multiselect('refresh');

}

function OnFail2(err) {

alert(err.get\_message());

}

1. Code Behind for Load Sites into a dropdown

[System.Web.Services.WebMethod]

public static List<SupvListEntity> Load\_Sitios(string cliente)

{

System.Web.Caching.Cache cache;

cache = HttpContext.Current.Cache;

DataTable dt = (DataTable)cache["TeamLeaders"];

var newSort2 = from row in dt.AsEnumerable()

where row.Field<object>("agent\_site\_id") != null

&& row.Field<string>("client\_id") == cliente

orderby row.Field<object>("agent\_site\_descr")

group row by new

{

ID = Convert.ToString(row.Field<object>("agent\_site\_id")),

nombre = row.Field<string>("agent\_site\_descr")

} into grp

select new

{

ids = Convert.ToString(grp.Key.ID),

names = grp.Key.nombre

};

List<SupvListEntity> listado = new List<SupvListEntity>();

listado.Add(new SupvListEntity() { ids = "-1", names = "Select One" });

foreach (var sitios in newSort2)

{

listado.Add(new SupvListEntity() { ids = sitios.ids, names = sitios.names });

}

return listado;

}

1. Code Behind for Load Team Leaders into a multiselect

[System.Web.Services.WebMethod]

public static List<SupvListEntity> Load\_TeamLeaders(string cliente, string sitio)

{

System.Web.Caching.Cache cache;

cache = HttpContext.Current.Cache;

DataTable dt = (DataTable)cache["TeamLeaders"];

var query = from o in dt.AsEnumerable()

where o.Field<string>("agent\_site\_id") == sitio

&& o.Field<string>("client\_id") == cliente

orderby o.Field<string>("supervisor\_name")

select new

{

Names = o.Field<string>("supervisor\_name"),

ID = o.Field<string>("supervisor\_id")

};

List<SupvListEntity> listado = new List<SupvListEntity>();

listado.Add(new SupvListEntity() { ids = "0", names = "All" });

foreach (var sitios in query)

{

listado.Add(new SupvListEntity() { ids = sitios.ID, names = sitios.Names });

}

return listado;

}

1. When clicking Submit button, get list of team leaders selected

protected void **Button1\_Click**(object sender, EventArgs e)

{

string list\_TMs = ListLoad\_TMs();

if (list\_TMs =="")

{

// seletct a TM

ScriptManager.RegisterStartupScript(this, GetType(), "myFunction2", "myFunction2();", true);

return;

}

. . . . . . . .

}

private string ListLoad\_TMs()

{

string lista = ListaTMs.Value.ToString();

string listado = "";

ListTMs.Clear();

List<string> lista2 = new List<string>();

ddlSites.Items.Clear();

ArrayList arr = new ArrayList();

arr.AddRange(lista.Split(','));

int conteo = arr.Count;

for (int i = 0; i < conteo; i = i + 2)

{

string valor = arr[i].ToString();

string texto = arr[i + 1].ToString();

texto = texto.Replace("#", ",");

ListTMs.Add(new SupvListEntity() { ids = valor, names = texto });

if (listado == "") listado = listado + ",";

listado = listado + valor;

}

return listado;

}

AFTER POST BACK LOAD AGAIN DATA FOR SITE DDL, set site selected and set Team Leaders selected

protected void **Page\_LoadComplete**(object sender, EventArgs e)

{

// READING HIDDEN FIELD

string lista = ListaSites.Value.ToString();

if (lista == "") return;

string cliente = ClienteVal.Value.ToString();

//if (cliente == "-1" || cliente == "") return;

string Sites = SitioVal.Value.ToString();

//if (Sites == "-1" || Sites == "") return;

ddlSites.Items.Clear();

ArrayList arr = new ArrayList();

arr.AddRange(lista.Split(','));

int conteo = arr.Count;

for (int i = 0; i < conteo; i = i + 2)

{

string valor = arr[i].ToString();

string texto = arr[i + 1].ToString();

texto = texto.Replace("#", ",");

ddlSites.Items.Add(new ListItem(texto, valor));

}

//FirstRound = false;

ddlSites.SelectedValue = Sites;

// SELECTED TL'S

// \*\*\*\*\*\*\*\*\*\*\*\*\*\*

lista = ListaTMs.Value.ToString();

ArrayList arr2 = new ArrayList();

arr2.AddRange(lista.Split(','));

conteo = arr2.Count;

for (int i = 0; i < conteo; i = i + 2)

{

string valor = arr2[i].ToString();

string texto = arr2[i + 1].ToString();

// Select again the ones from the information in hidden field

foreach (ListItem item in listTeam.Items)

{

string ss = item.Text;

if (item.Value == valor)

{

item.Selected = true;

}

}

}

}