

## Membuat Form Autoselect Menggunakan Javascript

Tulis atau copy file berikut sebagai langkah awal. Simpan dengan nama file chainedselects.js

```
var _disable_empty_list=false;
var _hide_empty_list=false;

// -----
if (typeof(disable_empty_list)=="undefined") {
  disable_empty_list=_disable_empty_list; }
if (typeof(hide_empty_list)=="undefined") { hide_empty_list=_hide_empty_list; }

var cs_goodContent=true, cs_M="M", cs_L="L", cs_curTop=null, cs_curSub=null;

function cs_findOBJ(obj,n) {
  for (var i=0; i<obj.length; i++) {
    if (obj[i].name==n) { return obj[i]; }
  }
  return null;
}
function cs_findContent(n) { return cs_findOBJ(cs_content,n); }

function cs_findM(m,n) {
  if (m.name==n) { return m; }

  var sm=null;
  for (var i=0; i<m.items.length; i++) {
    if (m.items[i].type==cs_M) {
      sm=cs_findM(m.items[i],n);
      if (sm!=null) { break; }
    }
  }
  return sm;
}
function cs_findMenu(n) { return (cs_curSub!=null &&
cs_curSub.name==n)?cs_curSub:cs_findM(cs_curTop,n); }

function cs_contentOBJ(n,obj){ this.name=n; this.menu=obj; this.lists=new Array();
this.cookie=""; }; cs_content=new Array();
function cs_topmenuOBJ(tm) { this.name=tm; this.items=new Array(); this.df=0;
this.addM=cs_addM; this.addL=cs_addL; }
function cs_submenuOBJ(dis,link,sub) {
  this.name=sub;
```

```
this.type=cs_M; this.dis=dis; this.link=link; this.df=0;

var x=cs_findMenu(sub);
this.items=x==null?new Array():x.items;

this.addM=cs_addM; this.addL=cs_addL;
}
function cs_linkOBJ(dis,link) { this.type=cs_L; this.dis=dis; this.link=link; }

function cs_addM(dis,link,sub) { this.items[this.items.length]=new
cs_submenuOBJ(dis,link,sub); }
function cs_addL(dis,link) { this.items[this.items.length]=new cs_linkOBJ(dis,link);
}

function cs_showMsg(msg) { window.status=msg; }
function cs_badContent(n) { cs_goodContent=false; cs_showMsg(""+n+" Not
Found."); }

function cs_optionOBJ(text,value) { this.text=text; this.value=value; }
function cs_emptyList(list) { for (var i=list.options.length-1; i>=0; i--) {
list.options[i]=null; } }
function cs_refreshList(list,opt,df) {
cs_emptyList(list);

for (var i=0; i<opt.length; i++) {
list.options[i]=new Option(opt[i].text, opt[i].value);
}

if (opt.length>0) {
list.selectedIndex=df;
}
}
function cs_getOptions(menu) {
var opt=new Array();
for (var i=0; i<menu.items.length; i++) {
opt[i]=new cs_optionOBJ(menu.items[i].dis, menu.items[i].link);
}
return opt;
}
function cs_updateListGroup(content,idx,sidx,mode) {
var i=0, curItem=null, menu=content.menu;

while (i<idx) {
menu=menu.items[content.lists[i++].selectedIndex];
```

```
}

if (menu.items[sidx].type==cs_M && idx<content.lists.length-1) {
    var df=cs_getIdx(mode,content.cookie,idx+1,menu.items[sidx].df);

    cs_refreshList(content.lists[idx+1], cs_getOptions(menu.items[sidx]), df);
    if (content.cookie) {
        cs_setCookie(content.cookie+"_"+(idx+1),df);
    }

    if (idx+1<content.lists.length) {
        if (disable_empty_list) {
            content.lists[idx+1].disabled=false;
        }
        if (hide_empty_list) {
            content.lists[idx+1].style.display="";
        }

        cs_updateListGroup(content,idx+1,df,mode);
    }
}
else {
    for (var s=idx+1; s<content.lists.length; s++) {
        cs_emptyList(content.lists[s]);

        if (disable_empty_list) {
            content.lists[s].disabled=true;
        }
        if (hide_empty_list) {
            content.lists[s].style.display="none";
        }

        if (content.cookie) {
            cs_setCookie(content.cookie+"_"+s,"");
        }
    }
}

function cs_initListGroup(content,mode) {
    var df=cs_getIdx(mode,content.cookie,0,content.menu.df);

    cs_refreshList(content.lists[0], cs_getOptions(content.menu), df);
    if (content.cookie) {
        cs_setCookie(content.cookie+"_"+0,df);
    }
}
```

```
}

cs_updateListGroup(content,0,df,mode);
}

function cs_updateList() {
  var content=this.content;
  for (var i=0; i<content.lists.length; i++) {
    if (content.lists[i]==this) {
      if (content.cookie) {
        cs_setCookie(content.cookie+"_"+i,this.selectedIndex);
      }

      if (i<content.lists.length-1) {
        cs_updateListGroup(content,i,this.selectedIndex,"");
      }
    }
  }
}

function cs_getIdx(mode,name,idx,df) {
  if (mode) {
    var cs_idx=cs_getCookie(name+"_"+idx);
    if (cs_idx!="") {
      df=parseInt(cs_idx);
    }
  }
  return df;
}

function _setCookie(name, value) {
  document.cookie=name+"="+value;
}
function cs_setCookie(name, value) {
  setTimeout("_setCookie('"+name+"','"+value+"')",0);
}

function cs_getCookie(name) {
  var cookieRE=new RegExp(name+"=([^;]+)");
  if (document.cookie.search(cookieRE)!=-1) {
    return RegExp.$1;
  }
  else {
    return "";
  }
}
```

```
}  
}  
  
// ----  
function addListGroup(n,tm) {  
  if (cs_goodContent) {  
    cs_curTop=new cs_topmenuOBJ(tm); cs_curSub=null;  
  
    var c=cs_findContent(n);  
    if (c==null) {  
      cs_content[cs_content.length]=new cs_contentOBJ(n,cs_curTop);  
    }  
    else {  
      delete(c.menu); c.menu=cs_curTop;  
    }  
  }  
}  
  
function addList(n,dis,link,sub,df) {  
  if (cs_goodContent) {  
    cs_curSub=cs_findMenu(n);  
  
    if (cs_curSub!=null) {  
      cs_curSub.addM(dis,link||"",sub);  
      if (typeof(df)!="undefined") { cs_curSub.df=cs_curSub.items.length-1; }  
    }  
    else {  
      cs_badContent(n);  
    }  
  }  
}  
  
function addOption(n,dis,link,df) {  
  if (cs_goodContent) {  
    cs_curSub=cs_findMenu(n);  
  
    if (cs_curSub!=null) {  
      cs_curSub.addL(dis,link||"");  
      if (typeof(df)!="undefined") { cs_curSub.df=cs_curSub.items.length-1; }  
    }  
    else {  
      cs_badContent(n);  
    }  
  }  
}
```

```
}  
  
function initListGroup(n) {  
  var _content=cs_findContent(n), count=0;  
  if (_content!=null) {  
    content=new cs_contentOBJ("cs_"+n,_content.menu);  
    cs_content[cs_content.length]=content;  
  
    for (var i=1; i<initListGroup.arguments.length; i++) {  
      if (typeof(arguments[i])=="object" && arguments[i].tagName &&  
arguments[i].tagName=="SELECT") {  
        content.lists[count]=arguments[i];  
  
        arguments[i].onchange=cs_updateList;  
        arguments[i].content=content; arguments[i].idx=count++;  
      }  
      else if (typeof(arguments[i])=="string" && /^[a-zA-Z_]\w*$/.test(arguments[i]))  
      {  
        content.cookie=arguments[i];  
      }  
    }  
  
    if (content.lists.length>0) {  
      cs_initListGroup(content,content.cookie);  
    }  
  }  
}  
  
function resetListGroup(n) {  
  var content=cs_findContent("cs_"+n);  
  if (content!=null && content.lists.length>0) {  
    cs_initListGroup(content,"");  
  }  
}  
// -----
```

Kemudian tulis juga script berikut :

```
//var hide_empty_list=true; //uncomment this line to hide empty selection lists  
  
var disable_empty_list=true; //uncomment this line to disable empty selection lists  
  
addListGroup("vehicles", "car-makers");
```

```
addOption("car-makers", "Select a maker", "", "", 1); //Empty starter option
addList("car-makers", "Toyota", "Toyota", "Toyota");
addList("car-makers", "Honda", "Honda", "Honda");
addList("car-makers", "Chrysler", "Chrysler", "Chrysler");

addOption("Toyota", "Select vehicle type", "", "", 1); //Empty starter option
addList("Toyota", "Cars", "car", "Toyota-Cars");
addList("Toyota", "SUVs/Van", "suv", "Toyota-SUVs/Van");
addList("Toyota", "Trucks", "truck", "Toyota-Trucks");

addOption("Toyota-Cars", "Select a model", "");
addOption("Toyota-Cars", "Avalon", "Avalon");
addOption("Toyota-Cars", "Camry", "Camry");
addOption("Toyota-Cars", "Celica", "Celica");
addOption("Toyota-Cars", "Corolla", "Corolla");
addOption("Toyota-Cars", "ECHO", "ECHO");

addOption("Toyota-SUVs/Van", "Select a model", "");
addOption("Toyota-SUVs/Van", "4Runner", "4Runner");
addOption("Toyota-SUVs/Van", "Highlander", "Highlander");
addOption("Toyota-SUVs/Van", "Land Cruiser", "Land Cruiser");
addOption("Toyota-SUVs/Van", "RAV4", "RAV4");

addOption("Toyota-Trucks", "Select a model", "");
addOption("Toyota-Trucks", "Tacoma", "Tacoma");
addOption("Toyota-Trucks", "Tundra", "Tundra", 1);

addOption("Honda", "Select vehicle type", "", "", 1); //Empty starter option
addList("Honda", "Cars", "car", "Honda-Cars");
addList("Honda", "SUVs/Van", "suv", "Honda-SUVs/Van");

addOption("Honda-Cars", "Select a model", "");
addOption("Honda-Cars", "Accord Sedan", "Accord Sedan");
addOption("Honda-Cars", "Accord Coupe", "Accord Coupe");
addOption("Honda-Cars", "Civic Sedan", "Civic Sedan");
addOption("Honda-Cars", "Civic Coupe", "Civic Coupe");
addOption("Honda-Cars", "Civic Hybrid", "Civic Hybrid");

addOption("Honda-SUVs/Van", "Select a model", "");
addOption("Honda-SUVs/Van", "CR-V", "CR-V");
addOption("Honda-SUVs/Van", "Pilot", "Pilot");
addOption("Honda-SUVs/Van", "Odyssey", "Odyssey", 1);

addOption("Chrysler", "Select vehicle type", "", "", 1); //Empty starter option
```

```
addList("Chrysler", "Cars", "car", "Chrysler-Cars");
addList("Chrysler", "SUVs/Van", "suv", "Chrysler-SUVs/Van");

addOption("Chrysler-Cars", "Select a model", "");
addOption("Chrysler-Cars", "300M", "300M");
addOption("Chrysler-Cars", "PT Cruiser", "PT Cruiser", 1);
addOption("Chrysler-Cars", "Concorde", "Concorde");
addOption("Chrysler-Cars", "Sebring Coupe", "Sebring Coupe");

addOption("Chrysler-SUVs/Van", "Select a model", "");
addOption("Chrysler-SUVs/Van", "Town & Country", "Town & Country");
addOption("Chrysler-SUVs/Van", "Voyager", "Voyager");
```

Simpan file tersebut dengan nama exampleconfig.js dalam satu folder.  
Langkah terakhir copy script berikut, simpan dalam satu folder dengan nama example.php :

```
<html>
<head><title>Auto Selects</title>
<script language="javascript" src="chainedselects.js"></script>
<script language="javascript" src="exampleconfig.js"></script>
</head>

<body onLoad="initListGroup('vehicles',
document.forms[0].make,document.forms[0].type,
document.forms[0].model)">
<center><h2>Contoh Form Kendaraan</h2></center>
<table align="center" cellpadding="0" cellspacing="0" border="0"
width="90%"><tr><td>
<form>
<table align="center"><tr>
<td>Pilih Kendaraan:&nbsp;  </td>
<td><select name="make"></select></td>
<td><select name="type"></select></td>
<td><select name="model"></select></td>
</tr>
</table>
</form>
</body>
</html>
```

Anda dapat memvariasi file tersebut dengan merubah/menambah file exampleconfig.js dan example.php sesuai keinginan anda