

Comparison of "Golden Gate" scripts vs. V12-DBE Online sample scripts vs. NetLingo/ASP scripts

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Both scripts below perform the same task. They look in the database (an electronic catalog, in this example) for items that are more expensive than *low* dollars, less expensive than *high* dollars and that are in category *cat*. They both return the list of matching items, sorted alphabetically and place the first matching item in the member named "product".

	Client	Server
Golden Gate	<pre> On SearchInGoldenGate low, high, cat global gTable gTable.SetCriteria(["price", "<=", low], "AND", ["price", ">=", high], "AND", ["category", "=", cat]]) gTable.OrderBy("name") gTable.Select() put gTable.GetField("name") into field "prods" return gTable.GetSelection(#list) End SearchInv12Online </pre>	<p>No scripting required on the server-side</p>
V12-DBE Online Edition	<pre> On SearchInv12Online low, high, cat global gTable gTable.SetCriteria("price", "<=", low) gTable.SetCriteria("and", "price", ">=", high) gTable.SetCriteria("and", "category", "=", cat) gTable.OrderBy("name") gTable.Select(1, 999, "replace") put gTable.GetField("name") into field "prods" return gTable.GetSelection("list") End SearchInv12Online </pre>	<p>No scripting required on the server-side</p> <p>Server can be optionally scripted in Lingo, if advanced features are required</p>
NetLingo/ASP	<pre> On SearchInNetLingo low, high, cat global gNetID global gNetGotoFrame global gNetURLPath Put "f=Select&low="&l&"&h="&high"&"&c=" into query set gNetGotoFrame = "ResultNetLingo" set gNetID = GetNetText(gNetURLPath&query) End SearchInNetLingo On Idle global gNetID global gNetGotoFrame global gNetString if (gNetID <> 0) then if (netDone(gNetID)) then put netTextResult(gNetID) into gNetString go to gNetGotoFrame end if end if End Idle <u>In frame "ResultNetLingo"</u> On EnterFrame global gNetString set List = [] repeat with n = 1 to the number of lines in gNetString set Item = [] repeat with m = 1 to the number of words in line n of gNetString item.append(word m of line n of gNetString) end Repeat list.append(item) end Repeat put List[1][1] into field "Product" return List End EnterFrame </pre>	<pre> Fct = Request.QueryString ("f"); If (Fct = "Select") { low = Request.QueryString ("l"); high = Request.QueryString ("h"); cat = Request.QueryString ("c"); cquery = "SELECT [name], [price], [category] FROM [Product] WHERE [price] >= " + low + " AND [price] <= " + high + " AND [category] = " + cat + " ORDERBY [name];" rs = DB.Execute(cquery); reponse = ""; while (!rs.EOF) { reponse += rs("name").Value + " "; reponse += rs("price").Value + " "; reponse += rs("category").Value + "\n"; rs.MoveNext(); } Response.write(reponse); } </pre>