



ASP / PHP Cross Reference

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This is by no means a complete list but it should help you convert ASP to PHP or the other way around. PHP has many more built in commands than ASP (VBScript), so several lines of code in ASP may convert so a single line in PHP. If you have a large application to move from ASP to PHP, the [ASP Translator](#) is a free web application that will save you hours of work. It converts comments, variables, if/then, loops, and many commands from ASP to PHP, all in your web browser.

ASP (VBScript)	PHP (v4.3+)
General syntax	
ASP Comments, inline <code>'my dog has fleas</code>	PHP Comments, inline <code>//my dog has fleas</code>
ASP Comments, block <code>not available?</code>	PHP Comments, block <code>/* The quick brown fox jumped over the lazy dogs. */</code>
ASP, Escaping quotes <code>" "</code> <code>"var text1="";</code>	PHP, Escaping quotes <code>\" or use ' like javascript</code> <code>'var text1="";</code>
ASP Command termination <code>None, but only one command per line.</code>	PHP Command termination <code>Each command must end with ; but multiple commands per line are allowed.</code>
ASP Screen output <code>response.write "hello"</code>	PHP Screen output <code>echo "hello";</code>
ASP Newline characters <code>vbCrLf</code> <code>response.write "hello" & vbCrLf</code>	PHP Newline characters <code>"\n" (must be inside "", not '')</code> <code>echo "hello \n";</code>
ASP Variable Names <code>Not case sensitive, so fName is the same as FNAME</code>	PHP Variable Names <code>Case sensitive AND must begin with \$ so \$fName is NOT the same as \$FNAME</code>
String Functions	
ASP String concatenation <code>&</code> <code>fName=name1 & " " & name2 emsg=msg & "error!"</code>	PHP String concatenation <code>. and .=</code> <code>\$fName=\$name1." ".\$name2; \$emsg.="error!";</code>
ASP, Change case <code>LCase(), UCase()</code> <code>lowerName=LCase(chatName) upperName=UCase(chatName)</code>	PHP, Change case <code>strtolower(), strtoupper()</code> <code>\$lowerName=strtolower(\$chatName); \$upperName=strtoupper(\$chatName);</code>
ASP String length <code>Len()</code> <code>n=Len(chatName)</code>	PHP String length <code>strlen()</code> <code>\$n=strlen(\$chatName);</code>
ASP, Trim whitespace <code>Trim()</code> <code>temp=Trim(xpage)</code>	PHP, Trim whitespace <code>trim() and also ltrim(), rtrim()</code> <code>\$temp=trim(\$xpage);</code>
ASP String sections	PHP String sections

<pre>Left(), Right(), Mid() Left("abcdef",3) result = "abc" Right("abcdef",2) result = "ef" Mid("abcdef",3) result = "cdef" Mid("abcdef",2,4) result = "bcde"</pre>	<pre>substr() substr("abcdef",0,3); result = "abc" substr("abcdef",-2); result = "ef" substr("abcdef",2); result = "cdef" substr("abcdef",1,4); result = "bcde"</pre>
<pre>ASP String search forward, reverse Instr(), InstrRev() x=Instr("abcdef","de") x=4 x=InstrRev("alabama","a") x=7</pre>	<pre>PHP String search forward, reverse strpos(), strrpos() \$x=strpos("abcdef","de"); x=3 \$x=strrpos("alabama","a"); x=6</pre>
<pre>ASP String replace Replace(string exp,search,replace) temp=Replace(temp,"orange","apple") temp=Replace(temp,"'", "\'") temp=Replace(temp,"\"", "\\\"")</pre>	<pre>PHP String replace str_replace(search,replace,string exp) \$temp=str_replace("orange","apple",\$temp); \$temp=str_replace("'", "\'", \$temp); \$temp=str_replace("\"", "\\\"", \$temp);</pre>
<pre>ASP, split a string into an array Split() temp="cows,horses,chickens" farm=Split(temp,",",-1,1) x=farm(0)</pre>	<pre>PHP, split a string into an array explode() \$temp="cows,horses,chickens"; \$farm=explode(",",\$temp); \$x=\$farm[0];</pre>
<pre>ASP, convert ASCII to String x=Chr(65) x="A"</pre>	<pre>PHP, convert ASCII to String \$x=chr(65); x="A"</pre>
<pre>ASP, convert String to ASCII x=Asc("A") x=65</pre>	<pre>PHP, convert String to ASCII \$x=ord("A") x=65</pre>

Control Structures

<pre>ASP, if statements if x=100 then x=x+5 elseif x<200 then x=x+2 else x=x+1 end if</pre>	<pre>PHP, if statements if (\$x==100) { \$x=\$x+5; } else if (\$x<200) { \$x=\$x+2; } else { \$x++; }</pre>
<pre>ASP, for loops for x=0 to 100 step 2 if x>p then exit for next</pre>	<pre>PHP, for loops for (\$x=0; \$x<=100; \$x+=2) { if (\$x>\$p) {break;} }</pre>
<pre>ASP, while loops do while x<100 x=x+1 if x>p then exit do loop</pre>	<pre>PHP, while loops while (\$x<100) { \$x++; if (\$x>\$p) {break;} }</pre>
<pre>ASP, branching select case chartName case "TopSales" theTitle="Best Sellers" theClass="S" case "TopSingles" theTitle="Singles Chart" theClass="S" case "TopAlbums" theTitle="Album Chart" theClass="A" case else theTitle="Not Found" end select</pre>	<pre>PHP, branching switch (\$chartName) { case "TopSales": \$theTitle="Best Sellers"; \$theClass="S"; break; case "TopSingles": \$theTitle="Singles Chart"; \$theClass="S"; break; case "TopAlbums": \$theTitle="Album Chart"; \$theClass="A"; break; default: \$theTitle="Not Found"; }</pre>
<pre>ASP functions Function myFunction(x) myFunction = x*16 'Return value End Function</pre>	<pre>PHP functions function myFunction(\$x) { return \$x*16; //Return value }</pre>

HTTP Environment

<pre>ASP, Server variables Request.ServerVariables("SERVER_NAME")</pre>	<pre>PHP, Server variables \$_SERVER["HTTP_HOST"];</pre>
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<pre>Request.ServerVariables("SCRIPT_NAME") Request.ServerVariables("HTTP_USER_AGENT") Request.ServerVariables("REMOTE_ADDR") Request.ServerVariables("HTTP_REFERER")</pre>	<pre>\$_SERVER["PHP_SELF"]; \$_SERVER["HTTP_USER_AGENT"]; \$_SERVER["REMOTE_ADDR"]; @\$_SERVER["HTTP_REFERER"]; @ = ignore errors</pre>
ASP Page redirects <pre>Response.redirect("wrong_link.htm")</pre>	PHP Page redirects <pre>header("Location: wrong_link.htm");</pre>
ASP, GET and POST variables <pre>Request.QueryString("chat") Request.Form("username")</pre>	PHP, GET and POST variables <pre>@\$_GET["chat"]; @ = ignore errors @\$_POST["username"];</pre>
ASP, prevent page caching <pre>Response.CacheControl="no-cache" Response.AddHeader "pragma","no-cache"</pre>	PHP, prevent page caching <pre>header("Cache-Control: no-store, no-cache"); header("Pragma: no-cache");</pre>
ASP, Limit script execution time, in seconds <pre>Server.ScriptTimeout(240)</pre>	PHP, Limit script execution time, in seconds <pre>set_time_limit(240);</pre>
ASP, Timing script execution <pre>s_t=timer ...ASP script to be timed... duration=timer-s_t response.write duration &" seconds"</pre>	PHP, Timing script execution <pre>\$s_t=microtime(); ...PHP script to be timed... \$duration=microtime_diff(\$s_t,microtime()); \$duration=sprintf("%0.3f",\$duration); echo \$duration." seconds"; //required function function microtime_diff(\$a,\$b) { list(\$a_dec,\$a_sec)=explode(" ",\$a); list(\$b_dec,\$b_sec)=explode(" ",\$b); return \$b_sec-\$a_sec+\$b_dec-\$a_dec; }</pre>

File System Functions

ASP, create a file system object (second line is wrapped) <pre>'Required for all file system functions fileObj=Server.CreateObject ("Scripting.FileSystemObject")</pre>	PHP, create a file system object <pre>Not necessary in PHP</pre>
ASP, check if a file exists <pre>pFile="data.txt" fileObj.FileExists(Server.MapPath(pFile))</pre>	PHP, check if a file exists <pre>\$pFile="data.txt"; file_exists(\$pFile);</pre>
ASP, Read a text file <pre>pFile="data.txt" xPage=fileObj.GetFile(Server.MapPath(pFile)) xSize=xPage.Size 'Get size of file in bytes xPage=fileObj.OpenTextFile(Server.MapPath(pFile)) temp=xPage.Read(xSize) 'Read file linkPage.Close</pre>	PHP, Read a text file <pre>\$pFile="data.txt"; \$temp=file_get_contents(\$pFile); //Read file</pre>

Time and Date Functions

ASP, Server Time or Date <pre>Now, Date, Time</pre>	PHP, Server Time or Date <pre>date()</pre>
ASP, Date format (default) <pre>Now = 1/13/2007 10:41:23 AM Date = 1/13/2007 Time = 10:41:23 AM Various ASP functions extract date parts: Month(Date) = 1 MonthName(Month(Date)) = January Day(Date) = 13 WeekdayName(Weekday(Date)) = Saturday WeekdayName(Weekday(Date),False) = Sat</pre>	PHP, Date format <pre>There is no default format in PHP. The date() function is formatted using codes: date("n/j/Y g:i:s A") = 1/13/2007 10:41:23 AM date("n") = 1 date("F") = January date("j") = 13 date("l") = Saturday date("D") = Sat</pre>

Numeric Functions

ASP, convert decimal to integer <pre>Int() n=Int(x)</pre>	PHP, convert decimal to integer <pre>floor() \$n=floor(\$x);</pre>
ASP, determine if a value is numeric <pre>IsNumeric()</pre>	PHP, determine if a value is numeric <pre>is_numeric()</pre>

<code>if IsNumeric(n) then ...</code>	<code>if (is_numeric(\$num)) {...}</code>
ASP, modulus function <code>x mod y</code>	PHP, modulus function <code>\$x % \$y</code>

Links:

- ◆ [VBScript Language Reference](#) (this link changes almost every time Microsoft updates the [MSDN](#) site)
- ◆ [PHP Language Reference](#) (always at www.php.net)



Wonderful.

13 Jun 2006 11:49am, [jopalmer at kill.spam.indiana.edu](#)

This is an extremely helpful cross-reference. The only other thing I think you could add would be database functions like `mysql_num_rows()` (PHP) and the equivalent of while looping as related to `$row["colname"]` vs. `connection.fields("colname")`. Keep expanding this! It'll make it so much easier for developers like myself to continue developing solid applications. Great work.

Sagar Sonker

16 Aug 2006 2:48am, [sagar at sonker.com](#)

Excellent piece of info. I was searching for new line character in ASP, and found much more on this website... :)

What a good cross reference!!

18 Oct 2006 5:59am, [avijit6399 at gmail.com](#)

This is a really good cross reference and it is helping me a lot. It will help all those programmers who want to learn PHP and they know ASP. Very good and thanks to the author.

Reference

09 Nov 2006 10:28pm, [adzlifah at gmail.com](#)

This is a really good cross reference and it is helping me a lot. Its help me as a newbie in PHP. thanks to the author.

Small omission

14 Dec 2006 1:37pm, [bob.dooley at systemserv.co.uk](#)

Thanks for a really great reference. No need to add this to the comments, but just to let you know that ASP *does* have a command terminator : which allows more than one command on a line

[+add a comment](#)