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# Using PHP from the command line

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## Introduction

The main focus of `CLI SAPI` is for developing shell applications with PHP. There are quite a few differences between the `CLI SAPI` and other `SAPIs` which are explained in this chapter. It is worth mentioning that `CLI` and `CGI` are different `SAPIs` although they do share many of the same behaviors.

The `CLI SAPI` is enabled by default using `--enable-cli`, but may be disabled using the `--disable-cli` option when running `./configure`.

The name, location and existence of the `CLI/CGI` binaries will differ depending on how PHP is installed on your system. By default when executing `make`, both the `CGI` and `CLI` are built and placed as `sapi/cgi/php-cgi` and `sapi/cli/php` respectively, in your PHP source directory. You will note that both are named `php`. What happens during `make install` depends on your configure line. If a module `SAPI` is chosen

## Features

- HTTP authentication with PHP
- Cookies
- Sessions
- Handling file uploads
- Using remote files
- Connection handling
- Persistent Database Connections
- » **Command line usage**
- Garbage Collection
- DTrace Dynamic Tracing

you want to override the installation of the `CGI` binary, use **make install-cli** after **make install**. Alternatively you can specify **--disable-cgi** in your configure line.

**Note:**

Because both **--enable-cli** and **--enable-cgi** are enabled by default, simply having **--enable-cli** in your configure line does not necessarily mean the `CLI` will be copied as `{PREFIX}/bin/php` during **make install**.

The `CLI` binary is distributed in the main folder as `php.exe` on Windows. The `CGI` version is distributed as `php-cgi.exe`. Additionally, a `php-win.exe` is distributed if PHP is configured using **--enable-cli-win32**. This does the same as the `CLI` version, except that it doesn't output anything and thus provides no console.

**Note: What SAPI do I have?**

From a shell, typing **php -v** will tell you whether `php` is `CGI` or `CLI`. See also the function [php\\_sapi\\_name\(\)](#) and the constant [PHP\\_SAPI](#).

**Note:**

A Unix manual page is available by typing **man php** in the shell environment.

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## User Contributed Notes

33 notes

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```
<?php

parse_str(implode('&', array_slice($argv, 1)), $_GET);

?>
```

It behaves exactly like you'd expect with `cgi-php`.

```
$ php -f somefile.php a=1 b[]=2 b[]=3
```

This will set `$_GET['a']` to `'1'` and `$_GET['b']` to `array('2', '3')`.

Even better, instead of putting that line in every file, take advantage of PHP's `auto_prepend_file` directive. Put that line in its own file and set the `auto_prepend_file` directive in your cli-specific `php.ini` like so:

```
auto_prepend_file = "/etc/php/cli-php5.3/local.prepend.php"
```

It will be automatically prepended to any PHP file run from the command line.

▲ 22 ▼ apmuthu at usa dot net

6 years ago

Adding a `pause()` function to PHP waiting for any user input returning it:

```
<?php
function pause() {
    $handle = fopen ("php://stdin", "r");
    do { $line = fgets($handle); } while ($line == '');
    fclose($handle);
}
```



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▲ 23 ▼ frankNospamwanted at. toppoint dot. de 10 years ago

Parsing commandline argument GET String without changing the PHP script (linux shell):

URL: index.php?a=1&b=2

Result: output.html

```
echo "" | php -R 'include("index.php");' -B
'parse_str($argv[1], $_GET);' 'a=1&b=2' >output.html
```

(no need to change php.ini)

You can put this

```
echo "" | php -R 'include("'"$1"'");' -B 'parse_str($argv[1],
$_GET);' "$2"
```

in a bash script "php\_get" to use it like this:

```
php_get index.php 'a=1&b=2' >output.html
```

or directed to text browser...

```
php_get index.php 'a=1&b=2' |w3m -T text/html
```

▲ 16 ▼ PSIKYO at mail dot dlut dot edu dot cn 11 years ago

If you edit a php file in windows, upload and run it on linux with command line method. You may encounter a running problem probably like that:

```
[root@ItsCloud02 wsd1]# ./lnxcli.php
Extension './lnxcli.php' not present.
```

Or you may encounter some other strange problem.

Care the enter key. In windows environment, enter key

generate two binary characters '\0D\0A'. But in Linux, enter key generate just only a '\0A'.



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▲ 15 ▼ ohcc at 163 dot com

8 years ago

use " instead of ' on windows when using the cli version with  
-r

```
php -r "echo 1"
-- correct
```

```
php -r 'echo 1'
PHP Parse error: syntax error, unexpected 'echo'
(T_ENCAPSED_AND_WHITESPACE), expecting end of file in Command
line code on line 1
```

▲ 18 ▼ drewish at katherinehouse dot com

19 years ago

When you're writing one line php scripts remember that  
'php://stdin' is your friend. Here's a simple program I use  
to format PHP code for inclusion on my blog:

UNIX:

```
cat test.php | php -r "print
htmlentities(file_get_contents('php://stdin'));"
```

DOS/Windows:

```
type test.php | php -r "print
htmlentities(file_get_contents('php://stdin'));"
```

▲ 21 ▼ Kodeart

13 years ago

Check directly without calling functions:

```
<?php
```

```
if (PHP_SAPI === 'cli')
```



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```
}
```

```
?>
```

You can define a constant to use it elsewhere

```
<?php
```

```
define('ISCLI', PHP_SAPI === 'cli');
```

```
?>
```

▲ 16 ▼ monte at ispi dot net

21 years ago

I had a problem with the \$argv values getting split up when they contained plus (+) signs. Be sure to use the CLI version, not CGI to get around it.

Monte

▲ 14 ▼ lucas dot vasconcelos at gmail dot com

17 years ago

Just another variant of previous script that group arguments doesn't starts with '-' or '--'

```
<?php
```

```
function arguments($argv) {
```

```
    $_ARG = array();
```

```

        $_ARG[$reg[1]] = $reg[2];

    } elseif(ereg('^-([a-zA-Z0-9])',$arg,$reg)) {

        $_ARG[$reg[1]] = 'true';

    } else {

        $_ARG['input'][]=$arg;

    }

}

return $_ARG;

}

```

```
print_r(arguments($argv));
```

```
?>
```

```
$ php myscript.php --user=nobody /etc/apache2/*
```

```
Array
```

```
(
```

```
[input] => Array
```

```

[1] => /etc/apache2/apache2.conf

[2] => /etc/apache2/conf.d

[3] => /etc/apache2/envvars

[4] => /etc/apache2/httpd.conf

[5] => /etc/apache2/mods-available

[6] => /etc/apache2/mods-enabled

[7] => /etc/apache2/ports.conf

[8] => /etc/apache2/sites-available

[9] => /etc/apache2/sites-enabled

)

[user] => nobody

)

```

▲ 15 ▼ Anonymous

3 years ago

We can pass many arguments directly into the hashbang line.  
 As example many ini setting via the -d parameter of php.  
 ---  
 #!/usr/bin/php -d memory\_limit=2048M -d post\_max\_size=0  
 phpinfo();



---

But we can also use this behaviour into a second script, so it call the first as an interpreter, via the hashbang:

---

```
#!/./script arg1 arg2 arg3
```

---

However the parameters are dispatched in a different way into \$argv

All the parameters are in \$argv[1], \$argv[0] is the interpreter script name, and \$argv[1] is the caller script name.

To get back the parameters into \$argv, we can simply test if \$argv[1] contains spaces, and then dispatch again as normal:

```
#!/usr/bin/php -d memory_limit=2048M -d post_max_size=0
```

```
<?php
```

```
var_dump($argv);
```

```
if (strpos($argv[1], ' ') !== false){
```

```
    $argw = explode(" ", $argv[1]);
```

```
    array_unshift($argw, $argv[2]);
```

```
    $argv = $argw;
```

```
}
```

```
var_dump($argv); ?>
```

---

```
array(3) {
```

```
    [0]=>
```

```
    string(8) "./script"
```

```
    [1]=>
```

```
    string(15) "arg1 arg2 arg3 "
```

```
    [2]=>
```

```
    string(14) "./other_script"
```

```
}
```

```
string(4) "arg1"
[2]=>
string(4) "arg2"
[3]=>
string(4) "arg3"
}
```

---

This will maintain the same behaviour in all cases and allow to even double click a script to call both parameters of another script, and even make a full interpreter language layer. The other script doesn't has to be php. Take care of paths.

▲ 26 ▼ ben at slax0rnet dot com

20 years ago

Just a note for people trying to use interactive mode from the commandline.

The purpose of interactive mode is to parse code snippets without actually leaving php, and it works like this:

```
[root@localhost php-4.3.4]# php -a
Interactive mode enabled
```

```
<?php echo "hi!"; ?>
```

<note, here we would press CTRL-D to parse everything we've entered so far>

```
hi!
```

```
<?php exit(); ?>
```

<ctrl-d here again>

```
[root@localhost php-4.3.4]#
```



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▲ 20 ▼ notreallyanaddress at somerandomaddr dot com

14 years ago

If you want to be interactive with the user and accept user input, all you need to do is read from stdin.

```
<?php
echo "Are you sure you want to do this? Type 'yes'
to continue: ";
$handle = fopen ("php://stdin","r");
$line = fgets($handle);
if(trim($line) != 'yes'){
    echo "ABORTING!\n";
    exit;
}
echo "\n";
echo "Thank you, continuing...\n";
?>
```

▲ 15 ▼ OverFlow636 at gmail dot com

19 years ago

I needed this, you proly wont tho.

puts the exicution args into \$\_GET

```
<?php

if ($argv) {

    foreach ($argv as $k=>$v)

    {

        if ($k==0) continue;
```

```
}

}

?>
```

▲ 16 ▼ thomas dot harding at laposte dot net 16 years ago

Parsing command line: optimization is evil!

One thing all contributors on this page forgotten is that you can surround an argv with single or double quotes. So the join coupled together with the preg\_match\_all will always break that :)

Here is a proposal:

```
#!/usr/bin/php
<?php
print_r(arguments($argv));

function arguments ( $args )
{
    array_shift( $args );
    $endofoptions = false;

    $ret = array
    (
        'commands' => array(),
        'options'  => array(),
        'flags'    => array(),
        'arguments' => array(),
    );
```

```
//we cast all remaining argvs as arguments
if ($endofoptions)
{
    $ret['arguments'][] = $arg;
    continue;
}

// Is it a command? (prefixed with --)
if ( substr( $arg, 0, 2 ) === '--' )
{

    // is it the end of options flag?
    if (!isset ($arg[3]))
    {
        $endofoptions = true;; // end of options;
        continue;
    }

    $value = "";
    $com  = substr( $arg, 2 );

    // is it the syntax '--option=argument'?
    if (strpos($com,'='))
        list($com,$value) = split("=", $com,2);

    // is the option not followed by another option but by
arguments
    elseif (strpos($args[0],'-') !== 0)
    {
        while (strpos($args[0],'-') !== 0)
            $value .= array_shift($args).' ';
        $value = rtrim($value,' ');
    }
}
```

```
// Is it a flag or a serial of flags? (prefixed with -)
if ( substr( $arg, 0, 1 ) === '-' )
{
    for ($i = 1; isset($arg[$i]) ; $i++)
        $ret['flags'][] = $arg[$i];
    continue;
}

// finally, it is not option, nor flag, nor argument
$ret['commands'][] = $arg;
continue;
}

if (!count($ret['options']) && !count($ret['flags']))
{
    $ret['arguments'] = array_merge($ret['commands'],
    $ret['arguments']);
    $ret['commands'] = array();
}
return $ret;
}

exit (0)

/* vim: set expandtab tabstop=2 shiftwidth=2: */
?>
```

▲ 11 ▼ rob

17 years ago

i use emacs in c-mode for editing. in 4.3, starting a cli script like so:

```
#!/usr/bin/php -q /* -*- c -*- */
```

anything (in the older cgi versions, it suppressed html output when the script was run) but it caused the commented mode line to be ignored by php.

in 5.2, '-q' has apparently been deprecated. replace it with '--' to achieve the 4.3 invocation-with-emacs-mode-line behavior:

```
#!/usr/bin/php -- /* -*- c -*- */
<?php
```

don't go back to your 4.3 system and replace '-q' with '--'; it seems to cause php to hang waiting on STDIN...

▲ 11 ▼ goalain eat gmail dont com

17 years ago

If your php script doesn't run with shebang (#!/usr/bin/php), and it issues the beautifull and informative error message:

"Command not found." just dos2unix yourscrip.php

et voila.

If you still get the "Command not found."

Just try to run it as ./myscrip.php , with the "./"

if it works - it means your current directory is not in the executable search path.

"Invalid null command." it's probably because the "!" is missing in the the shebang line (like what's above) or something else in that area.

\Alon

▲ 9 ▼ jeff at noSpam[] dot genhex dot net 22 years ago

You can also call the script from the command line after chmod'ing the file (ie: chmod 755 file.php).

On your first line of the file, enter "#!/usr/bin/php" (or to wherever your php executable is located). If you want to suppress the PHP headers, use the line of "#!/usr/bin/php -q" for your path.

▲ 8 ▼ roberto dot dimas at gmail dot com 19 years ago

One of the things I like about perl and vbscripts, is the fact that I can name a file e.g. 'test.pl' and just have to type 'test, without the .pl extension' on the windows command line and the command processor knows that it is a perl file and executes it using the perl command interpreter.

I did the same with the file extension .php3 (I will use php3 exclusively for command line php scripts, I'm doing this because my text editor VIM 6.3 already has the correct syntax highlighting for .php3 files ).

I modified the PATHEXT environment variable in Windows XP, from the " 'system' control panel applet->'Advanced' tab-





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Types' tab, I added a new file extension (php3), using the button 'New' and typing php3 in the window that pops up.

Then in the 'Details for php3 extension' area I used the 'Change' button to look for the Php.exe executable so that the php3 file extensions are associated with the php executable.

You have to modify also the 'PATH' environment variable, pointing to the folder where the php executable is installed

Hope this is useful to somebody

▲ 7 ▼ phpnotes at ssilk dot de

22 years ago

To hand over the GET-variables in interactive mode like in HTTP-Mode (e.g. your URI is myprog.html?hugo=bla&bla=hugo), you have to call

```
php myprog.html '&hugo=bla&bla=hugo'
```

(two & instead of ? and &!)

There just a little difference in the \$ARGC, \$ARGV values, but I think this is in those cases not relevant.

▲ 8 ▼ Anonymous

14 years ago

Using CLI (on WIN at least), some INI paths are relative to the current working directory. For example, if your error\_log = "php\_errors.log", then php\_errors.log will be created (or appended to if already exists) in whatever directory you happen to be in at the moment if you have write access there. Instead of having random error logs all over

▲ 9 ▼ linn at backendmedia dot com 20 years ago

For those of you who want the old CGI behaviour that changes to the actual directory of the script use:

```
chdir(dirname($_SERVER['argv'][0]));
```

at the beginning of your scripts.

▲ 9 ▼ eric dot brison at anakeen dot com 17 years ago

Just a variant of previous script to accept arguments with '=' also

```
<?php
function arguments($argv) {
    $_ARG = array();
    foreach ($argv as $arg) {
        if (ereg('--([^\=]+)=(.*)',$arg,$reg)) {
            $_ARG[$reg[1]] = $reg[2];
        } elseif(ereg('-([a-zA-Z0-9])',$arg,$reg)) {
            $_ARG[$reg[1]] = 'true';
        }
    }
    return $_ARG;
}

?>
$ php myscript.php --user=nobody --password=secret -p --
access="host=127.0.0.1 port=456"
Array
(
    [user] => nobody
    [password] => secret
    [p] => true
```

▲ 4 ▼ sam marshall

5 years ago

When using the -R flag, the name of the variable containing the content of the current line (not including the LF) is \$argn.

For example you can do this code:

```
cat file.txt | php -R 'echo $argn . "\n";'
```

This will just output each line of the input file without doing anything to it.

▲ 6 ▼ losbrutos at free dot fr

17 years ago

an another "another variant" :

```
<?php
function arguments($argv)
{
    $_ARG = array();
    foreach ($argv as $arg)
    {
        if (preg_match('#^-[1,2]([a-zA-Z0-9]*)=?(.*)$#', $arg,
$matches))
        {
            $key = $matches[1];
            switch ($matches[2])
            {
                case '':
                case 'true':
                    $arg = true;
                    break;
                case 'false':
                    $arg = false;
```

```

        $_ARG[$key] = $arg;
    }
    else
    {
        $_ARG['input'][] = $arg;
    }
}
return $_ARG;
}
?>

```

```
$php myscript.php arg1 -arg2=val2 --arg3=arg3 -arg4 --arg5 -
arg6=false
```

```

Array
(
    [input] => Array
        (
            [0] => myscript.php
            [1] => arg1
        )

    [arg2] => val2
    [arg3] => arg3
    [arg4] => true
    [arg5] => true
    [arg5] => false
)

```

▲ 7 ▼ docey

19 years ago

dunno if this is on linux the same but on windows everytime you send something to the console screen php is waiting for the console to return. therefore if you send a lot of small

```
cpu-cycle:1 ->php: print("a");
cpu-cycle:2 ->cmd: output("a");
cpu-cycle:3 ->php: print("b");
cpu-cycle:4 ->cmd: output("b");
cpu-cycle:5 ->php: print("c");
cpu-cycle:6 ->cmd: output("c");
cpu-cylce:7 ->php: print("d");
cpu-cycle:8 ->cmd: output("d");
cpu-cylce:9 ->php: print("e");
cpu-cycle:0 ->cmd: output("e");
```

on the screen just appears "abcde". but if you write your script this way it will be far more faster:

```
cpu-cycle:1 ->php: ob_start();
cpu-cycle:2 ->php: print("abc");
cpu-cycle:3 ->php: print("de");
cpu-cycle:4 ->php: $data = ob_get_contents();
cpu-cycle:5 ->php: ob_end_clean();
cpu-cycle:6 ->php: print($data);
cpu-cycle:7 ->cmd: output("abcde");
```

now this is just a small example but if you are writing an app that is outputting a lot to the console, i.e. a text based screen with frequent updates, then its much better to first cach all output, and output is as one big chunk of text instead of one char a the time.

ouput buffering is ideal for this. in my script i outputted almost 4000chars of info and just by caching it first, it speeded up by almost 400% and dropped cpu-usage.

because what is being displayed doesn't matter, be it 2 chars or 40.0000 chars, just the call to output takes a great deal of time. remeber that.

▲ 8 ▼ Adam, php(at)getwebspace.com 21 years ago

Ok, I've had a heck of a time with PHP > 4.3.x and whether to use CLI vs CGI. The CGI version of 4.3.2 would return (in browser):

```
---
No input file specified.
---
```

And the CLI version would return:

```
---
500 Internal Server Error
---
```

It appears that in CGI mode, PHP looks at the environment variable `PATH_TRANSLATED` to determine the script to execute and ignores command line. That is why in the absensce of this environment variable, you get "No input file specified." However, in CLI mode the HTTP headers are not printed. I believe this is intended behavior for both situations but creates a problem when you have a CGI wrapper that sends environment variables but passes the actual script name on the command line.

By modifying my CGI wrapper to create this `PATH_TRANSLATED` environment variable, it solved my problem, and I was able to run the CGI build of 4.3.2

▲ 5 ▼ obfuscated at emailaddress dot com 19 years ago

This posting is not a php-only problem, but hopefully will save someone a few hours of headaches. Running on MacOS (although this could happen on any \*nix I suppose), I was

```
./test.php: Command not found.
```

However, it worked just fine when php was invoked on the command line:

```
[macg4:valencia/jobs] tim% php test.php
```

```
Well, here we are... Now what?
```

Was file access mode set for executable? Yup.

```
[macg4:valencia/jobs] tim% ls -l
```

```
total 16
```

```
-rwxr-xr-x  1 tim  staff   242 Feb 24 17:23 test.php
```

And you did, of course, remember to add the php command as the first line of your script, yeah? Of course.

```
#!/usr/bin/php
```

```
<?php print "Well, here we are... Now what?\n"; ?>
```

So why didn't it work? Well, like I said... on a Mac.... but I also occasionally edit the files on my Windows portable (i.e. when I'm travelling and don't have my trusty Mac available)... Using, say, WordPad on Windows... and BBEdit on the Mac...

Aaahhh... in BBEdit check how the file is being saved! Mac? Unix? or Dos? Bingo. It had been saved as Dos format. Change it to Unix:

```
[macg4:valencia/jobs] tim% ./test.php
```

```
Well, here we are... Now what?
```

```
[macg4:valencia/jobs] tim%
```



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▲ 4 ▼ bluej100@gmail

17 years ago

In 5.1.2 (and others, I assume), the `-f` form silently drops the first argument after the script name from `$_SERVER['argv']`. I'd suggest avoiding it unless you need it for a special case.

▲ 4 ▼ Popeye at P-t-B dot com

21 years ago

In \*nix systems, use the `WHICH` command to show the location of the php binary executable. This is the path to use as the first line in your php shell script file. (`#!/path/to/php -q`) And execute php from the command line with the `-v` switch to see what version you are running.

example:

```
# which php
/usr/local/bin/php
# php -v
PHP 4.3.1 (cli) (built: Mar 27 2003 14:41:51)
Copyright (c) 1997-2002 The PHP Group
Zend Engine v1.3.0, Copyright (c) 1998-2002 Zend Technologies
```

In the above example, you would use: `#!/usr/local/bin/php`

Also note that, if you do not have the current/default directory in your `PATH` (`.`), you will have to use `./scriptfilename` to execute your script file from the command line (or you will receive a "command not found" error). Use the `ENV` command to show your `PATH` environment variable value.



(you'll probably need to add this to older scripts when running them under PHP 4.3.0 for backwards compatibility)

Here's what I am using:

```
chdir(preg_replace('/\\\[^\[]+$/','',$PHP_SELF));
```

Note: documentation says that "PHP\_SELF" is not available in command-line PHP scripts. Though, it IS available. Probably this will be changed in future version, so don't rely on this line of code...

Use `$_SERVER['PHP_SELF']` instead of just `$PHP_SELF` if you have `register_globals=Off`

▲ 4 ▼ stromdotcom at hotmail dot com

18 years ago

Spawning php-win.exe as a child process to handle scripting in Windows applications has a few quirks (all having to do with pipes between Windows apps and console apps).

To do this in C++:

```
// We will run php.exe as a child process after creating
// two pipes and attaching them to stdin and stdout
// of the child process
// Define sa struct such that child inherits our handles

SECURITY_ATTRIBUTES sa = { sizeof(SECURITY_ATTRIBUTES) };
sa.bInheritHandle = TRUE;
sa.lpSecurityDescriptor = NULL;

// Create the handles for our two pipes (two handles per
// pipe, one for each end)
// We will have one pipe for stdin, and one for stdout, each
```

```
CreatePipe (&hStdoutRd, &hStdoutWr, &sa, 0))
SetHandleInformation(hStdoutRd, HANDLE_FLAG_INHERIT, 0);
CreatePipe (&hStdinRd, &hStdinWr, &sa, 0)
SetHandleInformation(hStdinWr, HANDLE_FLAG_INHERIT, 0);

// Now we have two pipes, we can create the process
// First, fill out the usage structs
STARTUPINFO si = { sizeof(STARTUPINFO) };
PROCESS_INFORMATION pi;
si.dwFlags = STARTF_USESTDHANDLES;
si.hStdOutput = hStdoutWr;
si.hStdInput = hStdinRd;

// And finally, create the process
CreateProcess (NULL, "c:\\php\\php-win.exe", NULL, NULL,
TRUE, NORMAL_PRIORITY_CLASS, NULL, NULL, &si, &pi);

// Close the handles we aren't using
CloseHandle(hStdoutWr);
CloseHandle(hStdinRd);

// Now that we have the process running, we can start pushing
PHP at it
WriteFile(hStdinWr, "<?php echo 'test'; ?>", 9, &dwWritten,
NULL);

// When we're done writing to stdin, we close that pipe
CloseHandle(hStdinWr);

// Reading from stdout is only slightly more complicated
int i;

std::string processed("");
char buf[128];
```

```
        processed += buf[i];
    }

    // Done reading, so close this handle too
    CloseHandle(hStdoutRd);
```

A full implementation (implemented as a C++ class) is available at <http://www.stromcode.com>

▲ 3 ▼ pyxl at jerrell dot com

22 years ago

Assuming --prefix=/usr/local/php, it's better to create a symlink from /usr/bin/php or /usr/local/bin/php to target /usr/local/php/bin/php so that it's both in your path and automatically correct every time you rebuild. If you forgot to do that copy of the binary after a rebuild, you can do all kinds of wild goose chasing when things break.

▲ 2 ▼ james\_s2010 at NOSPAM dot hotmail dot com

17 years ago

I was looking for a way to interactively get a single character response from user. Using STDIN with fread, fgets and such will only work after pressing enter. So I came up with this instead:

```
#!/usr/bin/php -q
```

```
<?php
```

```
function inKey($vals) {
```

```
    $inKey = "";
```

```

    }

    return $inKey;
}

function echoAT($Row,$Col,$prompt="") {

    // Display prompt at specific screen coords

    echo "\033[".$Row."; ".$Col."H".$prompt;

}

// Display prompt at position 10,10

echoAT(10,10,"Opt : ");


// Define acceptable responses

$options = array("1","2","3","4","X");


// Get user response

$key = inKey($options);


// Display user response & exit

```



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Hope this helps someone.

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