

# [PHP] Use of callback on a stream

---

*Source:* <http://coding.derkeiler.com/Archive/PHP/php.general/2008-03/msg01055.html>

---

- *From:* [dupuis.olivier@xxxxxxxxxx](mailto:dupuis.olivier@xxxxxxxxxx) (Olivier Dupuis)
  - *Date:* Fri, 28 Mar 2008 14:08:13 +0100
- 

Hello,

I am trying to make a daemon that launches shell commands via `proc_open` and gets the stdout of the command via a pipe. The thing is that I would like to get this stdout via a callback, instead of monitoring the pipe regularly.

I tried the following code (this is a simplified version of it, but the callback never gets called,

does anyone know what I forgot ?

Thanks,  
Olivier

```
<?php
```

```
// First we proc_open a ls
// 1 - we build the descriptor array
$descriptorspec = array(
0 => array("pipe", "r"), // // stdin
1 => array("pipe", "w"), // stdout
2 => array("pipe", "w") // stderr
);
$pipes=array();
// We make a simple callback function
function stream_callback(){
global $pipes;

$stdout_child=stream_get_contents($pipes[1]);
print("Callback received:\n");
print($stdout_child."\n");
}
$context=stream_context_create(array());
stream_context_set_params($context,array('notification' => 'stream_callback'));
$handle=proc_open("/bin/ls /tmp",$descriptorspec,$pipes,null,null,array('context' => $context));
stream_context_set_params($pipes[1],array('notification' => 'stream_callback'));

while (true){
print("Waiting...\n");
sleep(5);
}
```

[PHP] Use of callback on a stream