

RE: Having trouble porting an application to MS-Windows

Source: <http://coding.derkeiler.com/Archive/Perl/perl.beginners/2007-06/msg00431.html>

- *From:* rvm@xxxxxxxx (Bob McConnell)
 - *Date:* Fri, 15 Jun 2007 11:26:18 -0400
-

-----Original Message-----

From: Chas Owens [<mailto:chas.owens@xxxxxxxx>]
Sent: Friday, June 15, 2007 10:55 AM
To: Bob McConnell
Cc: beginners@xxxxxxxx
Subject: Re: Having trouble porting an application to MS-Windows

On 6/15/07, Bob McConnell <rvm@xxxxxxxx> wrote:
snip

```
eval {  
  local $SIG{ALRM} = sub { die
```

```
"alarm\n" }; # NB:
```

```
\n required  
alarm $timeout;  
$nread = sysread PORT, $line, 1;  
alarm 0;  
};
```

snip

This transmits the packet, but never comes out of the eval() if it doesn't receive a character. Is there anything obvious that

I missed?
snip

Hmm, that codes looks right. Do the two scripts I sent earlier work?

Yes, both work with the output below. The difference is that both of yours interrupt an empty while loop, but my code is in a sysread() call. The SIGINT I use to kill the process can interrupt the system call, but will the alarm? Or have I found a bug in the ActiveState implementation?

RE: Having trouble porting an application to MS-Windows

Bob McConnell

```
D:\Perl\eg\SIMscript>perl forka.pl  
Fri Jun 15 11:16:36 2007  
timeout  
Fri Jun 15 11:16:39 2007
```

```
D:\Perl\eg\SIMscript>perl forkb.pl  
parent Fri Jun 15 11:12:57 2007  
parent waiting 10 seconds  
child Fri Jun 15 11:12:57 2007  
child waiting 1 seconds  
timeout child  
child Fri Jun 15 11:12:58 2007  
timeout parent  
parent Fri Jun 15 11:13:07 2007  
.
```