

## RE: Want to interactively run a shell script

---

*Source:* <http://coding.derkeiler.com/Archive/Perl/perl.beginners/2007-09/msg00128.html>

---

- *From:* [andrew.curry@xxxxxxxxxxxxx](mailto:andrew.curry@xxxxxxxxxxxxx) (Andrew Curry)
  - *Date:* Tue, 4 Sep 2007 16:00:54 +0100
- 

Apologies this shows how to write also

```
#!/usr/local/bin/perl -w
use Data::Dumper;
use File::Copy;
use IPC::Open3;
use IO::Select;
use IO::Handle;
use strict;

use vars qw(
    $informixserver $archive $informixdir
    $archivedir $line $select
    $read $write $error
);
$informixserver = $ENV{INFORMIXSERVER};
$informixdir = $ENV{INFORMIXDIR};
$archive = "";
$archivedir = "";

( $select, $read, $write, $error ) = process_command('command name here');
process_prog($select);
close_handles( $read, $write, $error );

sub process_command {
    my ( $command ) = @_;

    my ( $pid, $readbuff, $timeout, $s );
    $timeout = 10;
    $read = new IO::Handle;
    $write = new IO::Handle;
    $error = new IO::Handle;

    $pid = open3( $write, $read, $error, $command );

    #
    # create selects
    #
```

RE: Want to interactively run a shell script

```
$s = IO::Select->new();
$s->add($write);
$s->add($read);
$s->add($error);

return ( $s, $read, $write, $error ); }

sub process_prog {
my ($select) = shift;
my ( @ready, $handle, $timeout, $readbuff, $flag, $staploc, $newnum );
$flag = 0;

#
# get write handle
#

my ($write) = ( $select->can_write($timeout) )[0];
while ( $flag == 0 ) {
@ready = $select->can_read($timeout);

foreach $handle ( @ready ) {
sysread( $handle, $readbuff, 256 );

if ( length($readbuff) == 0 ) {
$flag = 1;
}
}
print "$readbuff\n" if($readbuff=~^\S+);

if ( $readbuff =~ /something here/ )
{
syswrite $write, "0\n";
}

sleep(1);
}
}

sub close_handles {
my ( $r, $w, $e ) = @_ ;
$r->close();
$e->close();
$w->close();
}
}
```

Please note this hasn't been run.

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

From: Andrew Curry [<mailto:andrew.curry@xxxxxxxxxxxxx>]

Sent: 04 September 2007 15:57

To: ppp ppp; beginners@xxxxxxxx

RE: Want to interactively run a shell script

## RE: Want to interactively run a shell script

Subject: RE: Want to interactively run a shell script

Something along this usually works to interact with programs through perl,  
this could be edited for your purpose.

This does a simple tail but you can guess the rest.

```
#!/usr/local/bin/perl -w
use Data::Dumper;
use File::Copy;
use IPC::Open3;
use IO::Select;
use IO::Handle;
use strict;

use vars qw(
$line $select
$read $write $error
);

( $select, $read, $error ) =
process_command('/usr/bin/tail -f tmp.dat');
process_tail($select);
close_handles( $read, $error );

sub process_command {
my ($command) = @_ ;

my ( $pid, $readbuff, $timeout, $s );
$timeout = 10;
$read = new IO::Handle;
$error = new IO::Handle;

$pid = open3( $write, $read, $error, $command );

#
# create selects
#
$s = IO::Select->new();
$s->add($read);
$s->add($error);

return ( $s, $read, $error ); }

sub process_tail {
my ($select) = shift;
my ( @ready, $handle, $timeout, $readbuff, $flag, $stapeloc, $newnum );
$flag = 0;

#
# get write handle
#
```

RE: Want to interactively run a shell script

RE: Want to interactively run a shell script

```
while ( $flag == 0 ) {
@ready = $select->can_read($timeout);

foreach $handle ( @ready ) {
sysread( $handle, $readbuff, 256 ); # 256 is the number of chars
to read.
print "$readbuff";

if ( length($readbuff) == 0 ) {
$flag = 1;
}
}
#
# do something here
#
}
sleep(1);
}

sub close_handles {
my ( $r, $e ) = @_ ;
$r->close();
$e->close();
}
```

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

From: ppp ppp [[mailto:prabhat\\_xyz@xxxxxxxxxx](mailto:prabhat_xyz@xxxxxxxxxx)]  
Sent: 04 September 2007 15:50  
To: beginners@xxxxxxxxxx  
Subject: Want to interactively run a shell script

Hi All,

I want to remove some packages install on remote solaris through script. I am able to run simple command like `ls -l ,ls` through perl script by using `Net::Telnet` module.

Now I want my script should remove all the packages installed on remote solaris

means i want to remove

`pkgrm -R `pwd`` command but the problem is that it requires user to manually enter yes/no to remove the pkgs

suppose i will issue `pkgrm -R `pwd`` then it asks

RE: Want to interactively run a shell script

RE: Want to interactively run a shell script

The following pkgs are installed do u want to remove this package[y]  
here I required to enter y  
then it ask  
do u want to remove xxxx.pkg ?  
here also I required to enter y

I need a way so that my script will send those and I don't have to enter commands

how my script will be interactive so that i can enter y through my script  
I want to run my script on my PC and the packages are installed on a remote Solaris box.

Thanks

-----  
Fussy? Opinionated? Impossible to please? Perfect. Join Yahoo!'s user panel and lay it on us.

This e-mail is from the PA Group. For more information, see [www.thepagroup.com](http://www.thepagroup.com).

This e-mail may contain confidential information. Only the addressee is permitted to read, copy, distribute or otherwise use this email or any attachments. If you have received it in error, please contact the sender immediately. Any opinion expressed in this e-mail is personal to the sender and may not reflect the opinion of the PA Group.

Any e-mail reply to this address may be subject to interception or monitoring for operational reasons or for lawful business practices.

--  
To unsubscribe, e-mail: [beginners-unsubscribe@xxxxxxxx](mailto:beginners-unsubscribe@xxxxxxxx)  
For additional commands, e-mail: [beginners-help@xxxxxxxx](mailto:beginners-help@xxxxxxxx)  
<http://learn.perl.org/>

This e-mail is from the PA Group. For more information, see [www.thepagroup.com](http://www.thepagroup.com).

This e-mail may contain confidential information. Only the addressee is permitted to read, copy, distribute or otherwise use this email or any attachments. If you have received it in error, please contact the sender

RE: Want to interactively run a shell script

RE: Want to interactively run a shell script

immediately. Any opinion expressed in this e-mail is personal to the sender and may not reflect the opinion of the PA Group.

Any e-mail reply to this address may be subject to interception or monitoring for operational reasons or for lawful business practices.