

Forum:[Hack Forums](#)

Thread: [Linux Shell Scripting](#)

marzzz21 - April 18, 2011, 2:44 am

I heard that you can use VBscript or create a Batch file on any Windows Operating System,

So what script can you use on any Linux Dist? What would linux have that would rival Window's Batch file?

thankz . . . :D

xspencev - April 18, 2011, 2:45 am

Your general Bash shell will not only rival Windows, but will far surpass it in every possible category.

marzzz21 - April 18, 2011, 2:54 am

W0w, what a fast reply . . . is that what you call it? Bash shell? . . . Then do you know any ebook that will introduce me and take me in depth into it . . . well a video tutorial would be much better . . . hahaha :D

xspencev - April 18, 2011, 2:56 am

Use Google. There are tons of guides, articles, tutorials, and primers on using Bash. It would certainly help to have a Linux environment available to practice in.

marzzz21 - April 18, 2011, 3:04 am

There sure are tons of guides i can find using Google, what I was asking though is the best one among them , , , hahaha , , , Well, i was just trying to hear your suggestion on which one you think is better, based on your experience perhaps? . . . hehehe, We'll i'm trying to use Ubuntu 10.10 since it is the most stable Linux dist that I've heard of . . . :D

Thanks anyway. . .

usersix - April 18, 2011, 3:29 am

Here's a few resources that should get you on your way.

If you want to learn more about linux in general, I suggest learning from the Archlinux wiki. It is the best wiki for any linux distro, hands down. And even though you may use Ubuntu now, the skills are directly transferable(except stuff like editing rc.conf)

I use Ubuntu on this asus 1101ha only because of this retarded gma 500 driver...doesn't work half as nice on Arch..anyway on to Bash.

<http://www.bashscripts.info>

is a great resource and this dude has some great vids on youtube, i highly recommend his stuff

If you can, get your hands on a copy of CBTNuggets Scripting videos. They are about 4ish years old now, but a great intro to bash, python and perl.

<http://wiki.bash-hackers.org/scripting/tutoriallist>

here is a bunch of links to some great sites on scripting.

As far as ebooks are concerned, I recommend
Apress.Pro.Bash.Programming.Scripting.the.GNU.Linux.Shell
Linux Shell Scripting with Bash
John.Wiley.And.Sons.Mastering.Unix.Shell.Scripting
Bash Cookbook

These can all be found with the help of Big G ;)

One last thing, I have used a few different editors of the years and have settled on gedit with a few plugins enabled, but for quick editing you can't beat nano with syntax highlighting. Others use Vim, it all comes down to personal preference.

Hope this helps you a bit. Pm me if you need any help and good luck.

marzzz21 - April 18, 2011, 3:38 am

Thank you for the information usersix . . . :D

Aquines - April 18, 2011, 5:16 am

Nice information usersix!

Very helpful!

marzzz21 - April 18, 2011, 3:50 pm

haha when I tried to register on Archlinux's forums, it asks me for the output of a certain code.

I'm guessing its a code for bash scripting . . . hahahaha

Here's the code or script:

```
"date -u +%W$(uname)|sha256sum|sed's/\W\\g"?"
```

:D

Can anyone decode this for me? hahahaha

eXpLoD - April 19, 2011, 1:54 am

Just run that command in a terminal dude.

marzzz21 - April 19, 2011, 4:25 am

so it really is a bash shell script?

Did i guess it right? . . . hehehe

usersix - April 19, 2011, 8:59 am

This bit of code is not a bash script

```
date -u +%W$(uname)|sha256sum|sed's/\W\\g"?"
```

It is just a few commands piped together.

Piping is a few commands run one after the other, more precisely the output of command 1 piped into command 2 and so on..

There is no limit to how much piping you can do. But it is limited by command 1 must output something and command 2 must be able to accept input.

It breaks down like this:

```
date -u +%W$(uname) | sha256sum | sed's/\W\\g"?"
```

show the date with the UTC timezone + the machine name

```
date -u +%W$(uname) | sha256sum | sed's/\W\\g"?"
```

this checks the sha checksum, like an md5 but different algorithm

(basically verifying a file for corruption or malicious stuff)

```
date -u +%W$(uname) | sha256sum | sed's/\W\g'""?
```

sed is a little program that cuts text by different arguments.

Off the top of my head I can't remember sed's options, but a simple google search enclosed in "" double quotes will help you out. Or just type "man sed" in bash

If you really want to get profficient at the cli, learn the basics of SED, AWK and GREP. It will make your scripting life much easier.

Sorry for the long post, but I think I explained things clearly.

I should add, to pipe command 1 into command 2 use the shift backslash (above the enter key on us-based keyboards)

Chebyshev - April 19, 2011, 11:45 am

(Apr 18, 2011 03:50 PM)marzzz21 Wrote: [\[CITE\]](#) haha when I tried to register on Archlinux's forums, it asks me for the output of a certain code.

I'm guessing its a code for bash scripting . . . hahahaha

Here's the code or script:

```
"date -u +%W$(uname)|sha256sum|sed's/\W\g'""?
```

:D

Can anyone decode this for me? hahahaha

Stop saying hahaha after each sentence.

That's the same as putting in a command into Window's CMD and it executing some function.

If you want a WRITTEN out script alright, go in any editor, type all the shit you want it to do, then save it has name.sh.

When you want to execute it, cd to the path of the shell script and type:

```
./name.sh
```

marzzz21 - April 19, 2011, 9:14 pm

Ok, I'll try that one . . . :D . . . Is it just me or is it really quite hard to register for the Archlinux forums? hehehe

I think it's only me who is having a hard time huh? . . . hahahaha :D

thankz Batman and usersix . . . :D

eXpLoD - April 20, 2011, 1:53 am

(Apr 19, 2011 11:45 AM)Batman` Wrote: [\[CITE\]](#) Stop saying hahaha after each sentence.

That's the same as putting in a command into Window's CMD and it executing some function.

If you want a WRITTEN out script alright, go in any editor, type all the shit you want it to do, then save it has name.sh.

When you want to execute it, cd to the path of the shell script and type:

./name.sh You forgot that you have to chmod +x it, and the .sh extension is not needed, the shebang line is the important one.

And @marzzz21 ,stop saying hahaha and :D after each sentence ,it makes you look like a retard.

marzzz21 - April 20, 2011, 8:13 am

Oh I'm sorry mate. It's just that I think that it took me a while to make this reply since I have to stop doing what you said. Thanks any way.

White Hat - April 20, 2011, 12:43 pm

Use bash? Duh...lol. I seen a thread some where here explaining this...

But yea, bash is like the linux version of Batch for windows...

thedud3guy - January 29, 2012, 9:40 am

Well if you aren't on a linux distro but need that output / want to test bash, get Cygwin. That will allow you to register on that forum as well as play with bash scripting.

Btw, the "She bang" on the first line of a *nix shell script denotes the desired interpreter for that script. You can specify /bin/bash /bin/zsh /usr/bin/php etc.