

Creating Shell Scripts in Enterprise Linux

AUTOMATING THE BORING STUFF



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Course Contents



Why do we need scripts?

Creating scripts

Gathering user input and using logic

Using functions and loops within scripts

Building menus and operator login scripts



“Always choose a lazy person to do a difficult job, they will find an easy way to do it”

Bill Gates



Module Overview



What you will need for the labs

Automating the boring stuff

Using the command line to supercharge
your administration



Lab System



We use Red Hat Enterprise Linux 8 for the demonstrations but any recent Linux distribution will suffice, it will require root access



Consider using AWS instance or similar cloud system



A single system is enough for this course



Because you have more
interesting things to do with
your life



Repeatability



Follow procedures,
ISO quality
management



Repeatably correct,
the script does the
same things in the
same order



Speed, for both your
job and practical
exams

Demo



Before we create scripts let's see how we can use scripting techniques to speed the command line



Summary



Automating the tedious tasks helps your work become more accurate

You can learn scripting on any Linux system

Executing loops from the command line can expedite administration tasks without the need for scripts



Using Loops from the CLI

```
$ for u in user{1..3} ; do echo $u; done
```

```
user1
```

```
user2
```

```
user3
```



Next up:
Writing Your First Script

