

Table Of Contents

Table Of Contents 1

Linux bash for loop syntax 2

 Shell script to print odd and even number using a for loop 2

[Home](#) > [Faq](#) > [BASH Shell](#)

Linux bash for loop

Posted by [Vivek Gite](#) <vivek@nixcraft.com>

Q. How do I use bash for loop under Linux operating systems?

A. for loop is used to process group of files or for other automation purposes.

Linux bash for loop syntax



[1]

[2]

```
for variable in list
do
    echo $variable
done
```

To loop through all files in a directory, enter:

```
for file in *
do
    echo $file
done
```

To print number 1 to 10, enter:

```
for n in {1..10}
do
    echo $n
done
```

Shell script to print odd and even number using a for loop

```
#!/bin/bash
for n in {1..10}
do
    out=$(( $n % 2 ))
    if [ $out -eq 0 ]
    then
        echo "$n is even number"
    else
        echo "$n is ODD number"
    fi
done
```

See more [bash for loop examples here](#) [3].

4000+ howtos and counting! Want to read more Linux / UNIX howtos, tips and tricks? Subscribe to our [daily email](#) newsletter or [weekly newsletter](#) to make sure you don't miss a single tip/tricks. Alternatively, subscribe via [RSS/XML](#) feed.

Article printed from Frequently Asked Questions About Linux / UNIX: <http://www.cyberciti.biz/faq/>

URL to article: <http://www.cyberciti.biz/faq/linux-bash-for-loop/>

URLs in this post:

[1] Image: <http://www.cyberciti.biz/faq/category/bash-shell/>

[2] Image: <http://www.cyberciti.biz/faq/category/linux/>

[3] bash for loop examples here: <http://www.cyberciti.biz/faq/bash-for-loop/>

Copyright © 2006-2010 [nixCraft](http://www.cyberciti.biz/). All rights reserved. This print / pdf version is for personal non-commercial use only. More details <http://www.cyberciti.biz/tips/copyright>.