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Ksh Read a File Line By Line (UNIX Scripting)

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How do I read a file line by line using KSH shell scripting under UNIX like operating systems?

You can use the while loop and read command to read a text file line by line under KSH.



[1]

KSH read while loop syntax

```
#!/bin/ksh
file="/path/to/file.txt"
# while loop
while read line
do
    # display line or do something on $line
    echo "$line"
done <"$file"
```

In this example, you are reading file separated by | fields. Sample domains.txt:

```
cyberciti.biz|74.86.48.99
nixcraft.com|75.126.168.152
theos.in|75.126.168.153
cricketnow.in|75.126.168.154
vivekgite.com|75.126.168.155
```

```
#!/bin/ksh
# set the Internal Field Separator to a pipe symbol
IFS='|'

# file name
file=/tmp/domains.txt

# use while loop to read domain and ip
while read domain ip
do
    print "$domain has address $ip"
done <"$file"
```

However, following is recommend syntax to set the Internal field separator (see discussion below):

```
#!/bin/ksh
# file name
file=/tmp/domains.txt

# use while loop to read domain and ip
# set the Internal Field Separator to a pipe symbol
while IFS=\\| read domain ip
do
    print "$domain has address $ip"
done <"$file"
```

Suggested readings:

- [ksh man page](#)

Updated for accuracy!

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