

# Downloading Files from Internet





# How to download a file from internet?

```
#wget URL_of_file
```

```
#wget -O opt_file.txt URL_of_file
```

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# How to call an API on Linux?

```
#curl http://numbersapi.com/random
```

50



# How to install an application on Linux?

**#apt or yum/dnf**



How to check if an application is installed or not on Linux?

```
#rpm -qa | grep app
```

```
#dnf list installed
```



# How to list available packages to install on Linux?

```
#apt search <package_name>
```

```
#yum/dnf list available
```



# How to start/stop a service on Linux?

```
#systemctl start/stop service_name
```



# How to list all services on Linux?

```
#systemctl list-units --type=service --all
```





# How to list all existing Environment Variables on Linux?

**#printenv**

56



# How to ADD a new Environment Variables on Linux?

```
#export JAVA_HOME="/usr/lib/jvm/java_v"
```

```
#export PATH=$JAVA_HOME/bin:$PATH
```



# How to ADD a new Environment Variables permanently on Linux?

Add env variable in `./bashrc` file

```
#source ~/.bash_profile
```



## How to print a specific column from a CSV file?

```
#awk -F , '{print $2}' file.csv
```



How to display starting two characters of all line?

```
#cut -c1-2 file.txt
```



# How to display a specific line from a file?

```
#sed -n '5p' file.txt
```



# How to replace a specific word within a file?

```
#sed -n 's/from/to/g' file.txt
```



## How to convert the content to Uppercase or Lowercase within a file?

```
#tr [:lower:] [:upper:] <file.txt
```

```
#tr [:punct:] Z <file.txt
```

```
#tr [:digit:] Z <file.txt
```





# How to extend or shrink size of a file?

```
#truncate -s 100M file.txt
```



# How to display following line in vertical line? ABCDE

```
#echo "ABCDE" | fold -w1
```

64



# How to change user or login as different user in linux?

```
#su <user_name>
```

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How to exit as current user or  
close terminal in linux?

**#exit**

66



If you are not root user, how to execute admin commands like installing new apps?

```
#sudo yum install httpd
```