WATCH COMMAND

watch command in Linux is used to execute a program periodically, showing output in Fullscreen. This command will run the specified command in the argument repeatedly by showing its output and errors. By default, the specified command will run every 2 seconds and watch will run until interrupted.

Syntax:

```
watch [options] command
```

differences between successive updates

```
[root@vivek ~]# watch -d  free -m
Every 2.0s: free -m

              total        used        free      shared  buff/cache   available
Mem:           1799         842         483          10         473         793
Swap:          2047           0        2047
```

specify update interval

```
[root@vivek ~]# watch -n 1 free -m
Every 1.0s: free -m

              total        used        free      shared  buff/cache   available
Mem:           1799         842         483          10         473         793
Swap:          2047           0        2047
```

watch attempt to run command every interval second

```
[root@vivek ~]# watch -p free -m
Every 2.0s: free -m

              total        used        free      shared  buff/cache   available
Mem:           1799         842         483          10         473         792
Swap:          2047           0        2047
```

turn off the header showing the interval, command, and the current time

```
[root@vivek ~]# watch -t free -m
              total        used        free      shared  buff/cache   available
Mem:           1799         842         483          10         473         792
Swap:          2047           0        2047
```

give beep if the command has a non-zero exit

```
[root@vivek ~]# watch -b free -m
Every 2.0s: free -m

              total        used        free      shared  buff/cache   available
Mem:           1799         843         482          10         473         792
Swap:          2047           0        2047
```

freeze the updates on command error, and exit after a key press.

```
[root@vivek ~]# watch -e free -m
Every 2.0s: free -m

              total        used        free      shared  buff/cache   available
Mem:           1799         843         482          10         473         792
Swap:          2047           0        2047
```

C R E A T E D   B Y :- V I V E K   G A N D H I

WATCH COMMAND

- -g, –chgexit : This option will exit when the output of command changes.
- -c, –color : This option interprets ANSI color and style sequences.
- -x, –exec : This option command given to sh -c which means that you may need to use extra quoting just to get the desired effect.
- watch -h : This option will show the help message and exit.
- **watch -v :** This option will display the version information and exit