

# Bash Alias

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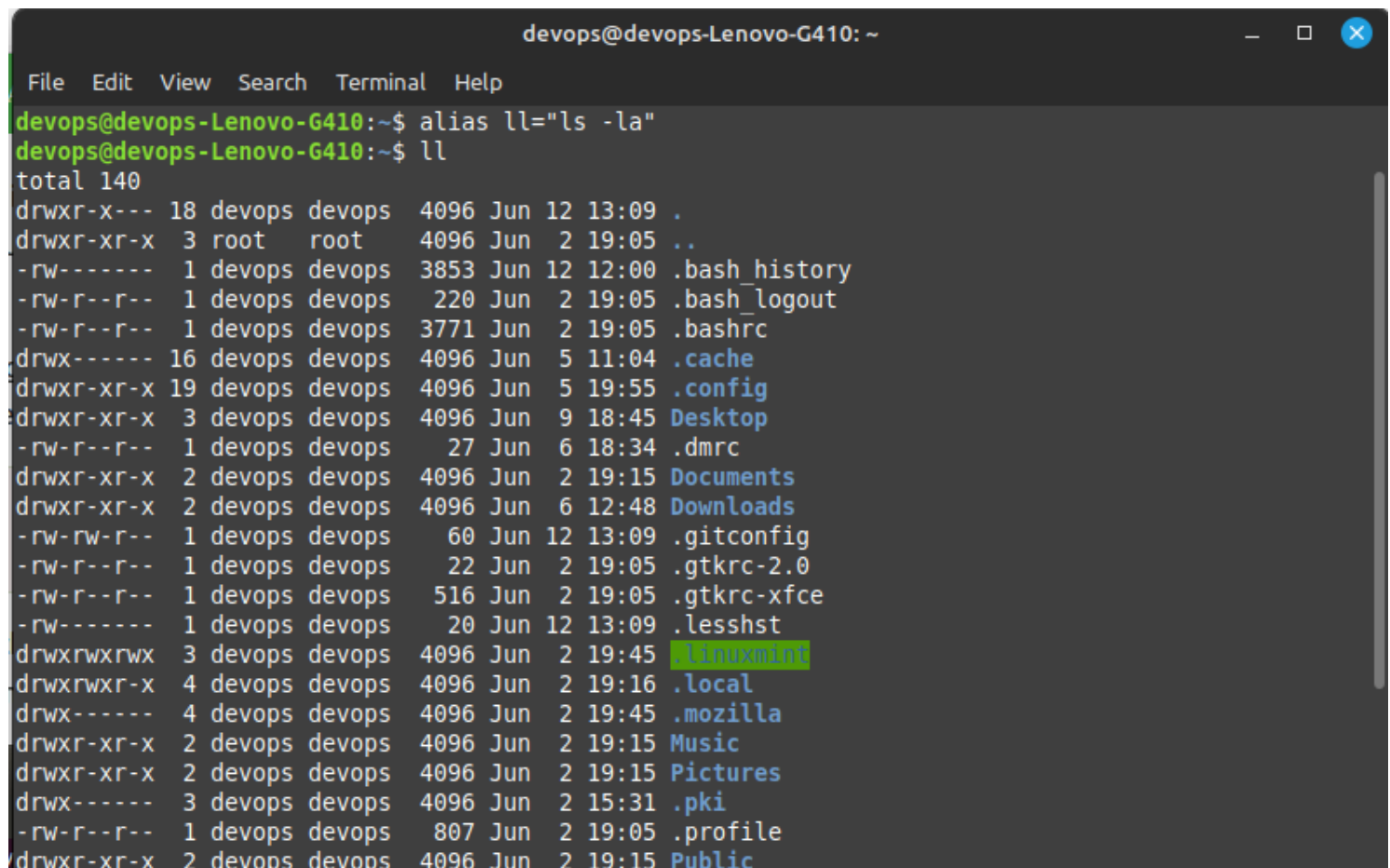
Bash Alias is used to set a shortcut command for a longer command. The alias command allows us to launch any command or set commands by using a single word.

Alias is usually declared within the `~/.bash_profile` or `~/.bashrc` file.

## Bash Alias Structure

- alias [alias\_name]="[command\_to\_alias]"

## Creating a Bash Alias



```
devops@devops-Lenovo-G410: ~  
File Edit View Search Terminal Help  
devops@devops-Lenovo-G410:~$ alias ll="ls -la"  
devops@devops-Lenovo-G410:~$ ll  
total 140  
drwxr-x--- 18 devops devops 4096 Jun 12 13:09 .  
drwxr-xr-x  3 root   root   4096 Jun  2 19:05 ..  
-rw-----  1 devops devops 3853 Jun 12 12:00 .bash_history  
-rw-r--r--  1 devops devops  220 Jun  2 19:05 .bash_logout  
-rw-r--r--  1 devops devops 3771 Jun  2 19:05 .bashrc  
drwx----- 16 devops devops 4096 Jun  5 11:04 .cache  
drwxr-xr-x 19 devops devops 4096 Jun  5 19:55 .config  
drwxr-xr-x  3 devops devops 4096 Jun  9 18:45 Desktop  
-rw-r--r--  1 devops devops  27 Jun  6 18:34 .dmrc  
drwxr-xr-x  2 devops devops 4096 Jun  2 19:15 Documents  
drwxr-xr-x  2 devops devops 4096 Jun  6 12:48 Downloads  
-rw-rw-r--  1 devops devops  60 Jun 12 13:09 .gitconfig  
-rw-r--r--  1 devops devops  22 Jun  2 19:05 .gtkrc-2.0  
-rw-r--r--  1 devops devops  516 Jun  2 19:05 .gtkrc-xfce  
-rw-----  1 devops devops  20 Jun 12 13:09 .lessht  
drwxrwxrwx  3 devops devops 4096 Jun  2 19:45 .linuxmint  
drwxrwxr-x  4 devops devops 4096 Jun  2 19:16 .local  
drwx-----  4 devops devops 4096 Jun  2 19:45 .mozilla  
drwxr-xr-x  2 devops devops 4096 Jun  2 19:15 Music  
drwxr-xr-x  2 devops devops 4096 Jun  2 19:15 Pictures  
drwx-----  3 devops devops 4096 Jun  2 15:31 .pki  
-rw-r--r--  1 devops devops  807 Jun  2 19:05 .profile  
drwxr-xr-x  2 devops devops 4096 Jun  2 19:15 Public
```

Here, we created a shortcut for `ls -la` command which is `ll`, by the command `alias ll="ls -la"` and then we wrote `ll` in the terminal. We received the same files and directory as `ls -la` command.

## Remove/Delete a Bash Alias

### Syntax

- unalias [alias\_name]="[command\_to\_alias]"

```
devops@devops-Lenovo-G410: ~  
File Edit View Search Terminal Help  
devops@devops-Lenovo-G410:~$ unalias ll  
unalias: command not found  
devops@devops-Lenovo-G410:~$
```

The alias ll has been removed.

## List Bash Aliases

```
devops@devops-Lenovo-G410:~$ alias  
alias alert='notify-send --urgency=low -i "${[ $? = 0 ] && echo terminal || echo error}" "${histo  
ry|tail -n1|sed -e '\''s/^\s*[0-9]\+\s*//;s/[\;&|]\s*alert$//'\''}"'  
alias egrep='egrep --color=auto'  
alias fgrep='fgrep --color=auto'  
alias grep='grep --color=auto'  
alias l='ls -CF'  
alias la='ls -A'  
alias ll='ls -la'  
alias ls='ls --color=auto'  
devops@devops-Lenovo-G410:~$
```

Ref: [javatpoint.com](https://www.javatpoint.com)