

bash settings

2025-08-24

This page holds some bash snippets

You will find here some all day work setting for bash.

PS1

Sometimes it is helpful to know when which command was executed. The below PS1 shows the date timestamp with timezone

```
export PS1='\[\e]0;\u@\h: \w\a\}${debian_chroot:
+($debian_chroot)}\[\033[01;32m\]\u@\h\[\033[00m\] on \D{%d/%m/%Y} at
\D{%H:%M:%S_%Z} \[\033[01;34m\]\w\[\033[00m\] \$\n# '
```

This is an example output.

```
alex@alex-tuxedoinfinitybooks1517gen7 on 24/08/2025 at 19:12:45_CEST /
datadisk/git-repos/zola-learn/none-blog $
# zola serve
```

History

This snippet creates the file `~/.persistent_history` for longer history of the bash.

```
# ~/.bashrc: executed by bash(1) for non-login shells.

# don't put duplicate lines or lines starting with space in the history.
# See bash(1) for more options
HISTCONTROL=ignoredups:ignorespace:erasedups

# append to the history file, don't overwrite it
shopt -s histappend

# for setting history length see HISTSIZE and HISTFILESIZE in bash(1)
HISTSIZE=1000
HISTFILESIZE=2000

# some other stuff

log_bash_persistent_history() {
  [[
    $(history 1) =~ ^\ *([0-9]+\ +([\^ ]+\ +[\^ ]+)\ +(.*)$
```

```

]]
local date_part="${BASH_REMATCH[1]}"
local command_part="${BASH_REMATCH[2]}"
if [ "$command_part" != "$PERSISTENT_HISTORY_LAST" ]
then
    echo $date_part "|" "$command_part" >> ~/.persistent_history
    export PERSISTENT_HISTORY_LAST="$command_part"
fi
}

# Stuff to do on PROMPT_COMMAND
run_on_prompt_command(){
    log_bash_persistent_history
    history -a
    history -c
    history -r

    local pwd='~'
    [ "$PWD" != "$HOME" ] && pwd=${PWD/#$HOME\/\/\~\/}
    pwd="${pwd//[[:cntrl:]]}"
    printf "\033]0;%s@%s:%s\033\\" "${USER}" "${HOSTNAME%.*}" "${pwd}"
}

HISTTIMEFORMAT="%d/%m/%y %T "
PROMPT_COMMAND="run_on_prompt_command"

```