

Sprint 1 ASIST

Table of contents

Context	1
Configuration of the banner	1
Installation of needed packages.....	1
Modification of the configuration file	1
Results	2

Context

We chose the user case number 2: « As the system administrator I want to change the information displayed on the Linux system terminal after logging in, by changing the default information to a more creative one that must contain the date and user name. »

The operations will be operated on a machine running debian.

Configuration of the banner

Installation of needed packages

To display our message with the username and the date, we will need the package called « cowsay ». We install it with the command `sudo apt-get install cowsay`.

```

debian@vps-5866ac3e:~$ sudo apt-get install cowsay
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  ldap-utils libpam-ldapd nscd nslcd nslcd-utils ssl-cert
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  libtext-charwidth-perl
Suggested packages:
  filters cowsay-off
The following NEW packages will be installed:
  cowsay libtext-charwidth-perl
0 upgraded, 2 newly installed, 0 to remove and 11 not upgraded.
Need to get 32.0 kB of archives.
After this operation, 138 kB of additional disk space will be used.
Do you want to continue? [Y/n]
Get:1 http://deb.debian.org/debian bullseye/main amd64 libtext-charwidth-perl amd64 0.04-10+b1 [10.6 kB]
Get:2 http://deb.debian.org/debian bullseye/main amd64 cowsay all 3.03+dfsg2-8 [21.4 kB]
Fetched 32.0 kB in 0s (1065 kB/s)
Selecting previously unselected package libtext-charwidth-perl.
(Reading database ... 84929 files and directories currently installed.)
Preparing to unpack .../libtext-charwidth-perl_0.04-10+b1_amd64.deb ...
Unpacking libtext-charwidth-perl (0.04-10+b1) ...
Selecting previously unselected package cowsay.
Preparing to unpack .../cowsay_3.03+dfsg2-8_all.deb ...
Unpacking cowsay (3.03+dfsg2-8) ...
Setting up libtext-charwidth-perl (0.04-10+b1) ...
Setting up cowsay (3.03+dfsg2-8) ...
Processing triggers for man-db (2.9.4-2) ...
debian@vps-5866ac3e:~$

```

Modification of the configuration file

Now, we modify the file `~/.bashrc` by adding the command to generate our banner with cowsay.

```

GNU nano 5.4 /home/debian/.bashrc
cowsay "Hello $USER! We are the $(date +%A %B %d %Y) and it is $(date +%r)"

# ~/.bashrc: executed by bash(1) for non-login shells.
# see /usr/share/doc/bash/examples/startup-files (in the package bash-doc)
# for examples

# If not running interactively, don't do anything
case $- in
  *) ;;
  *) return;;
esac

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

# 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

# check the window size after each command and, if necessary,
# update the values of LINES and COLUMNS.
shopt -s checkwinsize

^G Help      ^O Write Out  ^W Where Is   ^K Cut        ^I Execute
^X Exit      ^R Read File  ^_ Replace    ^U Paste      ^J Justify
^C Log Go

```

Results

Here is the screen after connecting to the server:

```

• MobaXterm Personal Edition v22.1 •
(SSh client, X server and network tools)

> SSH session to debian@
• Direct SSH : ✓
• SSH compression : ✓
• SSH-browser : ✓
• X11-forwarding : ✗ (disabled or not supported by server)

> For more info, ctrl+click on help or visit our website.

Last login: Fri Dec 2 16:31:46 2022 from
/ Hello debian! We are the Friday \
\ December 02 2022 and it is 04:47:57 PM /
-----
  ^ ^
 (oo)\_____
  (_)\        )\/
   ||----w |
   ||     ||

debian@vps-5866ac3e:~$

```