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# **.bash\_profile**

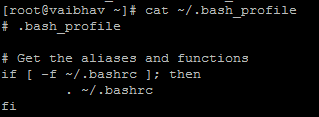
* For login shell
* For interactive shell
* When user tries to login (with user and password) via console (directly through machine or remotely through ssh), .bash\_profile file is executed.
* It is loaded only once when user login.
* Example:

su -

su - username

ssh username

* When BASH is invoked as a login shell, following files are executed in the displayed order:
* /etc/profile
* ~/.bash\_profile [It will run ~/.bashrc if mentioned in script]
* ~/.bash\_login
* ~/.profile



This means that .bashrc file is sourced to .bash\_profile file so that at login time, bashrc will be called.

# **.bashrc**

* For non-login shell (Mainly non-login interactive shell)
* For interactive and non-interactive shell
* When user is already logged in and open new terminal/window inside GNOME/KDE, .bashrc file is executed.
* When user starts new bash instance by typing /bin/bash, this file is also executed.
* It is not loaded when user login.
* Example:

sudo su

bash

ssh username@hostname /path/to/command

# **.bash\_logout**

* It is individual login shell cleanup file that is executed when a input shell exits.

**Different shells and their profile files**:

|  |  |
| --- | --- |
| Shell | Profile file |
| ksh | .profile |
| Bourne | .profile |
| Bash | .bash\_profile |
| tcsh | .login |
| csh | .login |