



have to remember:- When adding colors to the shell's appearance, always include them into **[\$color]** otherwise, it will look weird when typing very long commands.- If you have used colors in your shell's appearance, always end the PS1 variable with the NC (No Color) code, otherwise the commands you type will appear colored as well. So simply add the code **[\$NC]** in the end of the PS1.- To test the new appearance, you don't have to close the session and open it again just to see how it looks. Just save the .bashrc file, go to your home directory (/root/ or /home/your-user/) and type: **. .bashrc**Enough for the visual part. Next to the utility section.

**Aliases**You might save some time and have a little fun by putting some aliases in your .bashrc file. The idea here is to personalize your environment and make it easier for you to be lazy. Aliases are one-liners, nicknames for commands that are too long or hard to remember to type every time. Aliases are added to the .bashrc file following the synthax:**alias nickname-command='some very -long command@here.com'**For instance, in order to connect to another Linux server through ssh, you would have to type the following command:**# ssh -v -p 29 root@home.internet.com**What if you could configure your .bashrc file so you will only have to type **home** and the command above will be magically executed? That would be nice, wouldn't it? In order to make this happen, just add the following line to your .bashrc file (Of course, edit the username, hostname and port number to suit your needs):**alias home='ssh -v -p 29 root@home.internet.com'**Next, apply the new settings to the current bash:**# cd \$HOME# . .bashrc**Finally, type the command **home** and the ssh session should be automatically opened. Pretty neat, huh? Another example: Get a summary of the disk usage in human readable format. You should type the command:**# du -h --max-depth=1 /directory**to find out the size of the subdirectories there. If you add the following line to .bashrc:**alias duh='du -h --max-depth=1'**and apply the settings (with **. .bashrc**), you will only have to type:**# duh /**to get the directories' size on your Linux system.

**.bashrc file used for the second screenshot**It will probably be much easier for inexperienced users to get an already-done .bashrc and edit it rather than creating a new one from scratch. If you want to use the .bashrc file used to take the second screenshot, simply log in as the user you will like to change the shell appearance (could be simple user or root, doesn't matter) and type these commands:**# cd \$HOME# mv .bashrc .bashrc.old# wget http://download2.softpedia.com:8081/linux/bashrc-file-tutorial# mv bashrc-file-tutorial .bashrc# . .bashrc**Besides the coloring, it has the following aliases:**ls** - will list list all files (including hidden ones) from a directory and show their size (K, MB, GB etc)**edit** - will open nano with long lines wrapping disabled (-w)**ps** - will execute 'ps axu'**pg** - will help you find a program that is already running (will execute 'ps axu | grep -i' program-name)You can easily add your own commands by following the pattern. Enjoy!