

Sample scripts for some common use cases

1. Use case – Volume adjusting

```
#!/bin/bash  
  
-l /usr/bin/osascript -e "set Volume 1.7"
```

2. Use case – To read a file line by line

```
#!/bin/bash  
  
input="/path/to/txt/file"  
while IFS= read -r line  
do  
echo "$line"  
done < "$input"
```

3. Use case – To install Xcode command line tools

```
#!/bin/sh  
  
# This script will install Command Line Tools for Xcode on a fresh  
# installation of OS X.  
# Usage: curl https://raw.githubusercontent.com/gist/3053979/install-command-line-  
# tools-for-xcode.sh |  
shDMG='command_line_tools_for_xcode_june_2012.dmg'  
cd  
$HOME/Downloads  
if [ ! -f ./$DMG ]; then  
echo 'Command Line Tools for Xcode not downloaded.'  
exit 1  
fi  
hdiutil attach $DMG  
sudo installer -pkg '/Volumes/Command Line Tools/Command Line  
Tools.mpkg' -target /  
hdiutil detach "/Volumes/Command Line Tools"  
rm -i $DMG
```

```
cd -  
echo 'Finished install Command Line Tools for Xcode'
```

4. Use case – Check and install OS updates

```
#!/bin/bash  
getosupd=$(softwareupdate -l | grep OSXupd | awk 'NR==1 {print $2}')  
softwareupdate -i $getosupd
```

5. Use case – Restart device

```
#!/bin/bash  
osascript -e 'tell application "System Events" to restart'
```

6. Use case – Rename a file

```
#!/bin/bash  
mv /current file name(specify including path) new file name(specify  
including path)  
eg: mv /Users/alma.evans/Downloads/test.mov  
/Users/alma.evans/Downloads/scripting.mov
```

7. Use case – Delete a file or folder

```
#!/bin/bash  
rm /path of the file/folder  
eg: rm /Users/alma.evans/Downloads/scripting.mov
```

Note:

While using the `rm` command for deleting, please make sure that the path to the file or folder is given correctly as the data deleted in this manner cannot be retrieved.

8. Use case – Delete contents of a folder

```
#!/bin/bash  
rm / path to the folder/*  
eg: rm /Users/alma.evans/Downloads/test/*
```

9. Use case – Copy to clipboard

```
#!/bin/bash
echo "Content to be copied to clipboard" | pbcopy
eg: echo "test" | pbcopy
```

10. Use case – Uninstall an app

```
#!/bin/bash
sudo rm -rf /path to the app
eg: sudo rm -rf /Applications/VMware\ Fusion.app
```

11. Use case – Creating a new user

```
#!/bin/sh
sudo dscl . -create /Users/username
#specify the required username and replace the same name with
"username" in the following commands

sudo dscl . -create /Users/username UserShell /bin/bash

sudo dscl . -create /Users/username RealName "Alma Evans"
#specify the real name of the user

sudo dscl . -create /Users/username UniqueID 1088
#the number followed by UniqueID should be specific for each user

sudo dscl . -create /Users/username PrimaryGroupID 1098
#the number followed by PrimaryGroupID should be specific for each user

sudo dscl . -create /Users/username NFSHomeDirectory
/Local/Users/username
#use the line to create a home folder for the user

sudo dscl . -passwd /Users/username password
#replace "password" with the required password for the user

sudo dscl . -append /Groups/admin GroupMembership username
#the command is used to provide admin privileges

eg: sudo dscl . -create /Users/Alma
sudo dscl . -create /Users/Alma UserShell /bin/bash
sudo dscl . -create /Users/Alma RealName "Alma Evans"
```

```
sudo dscl . -create /Users/Alma UniqueID 1088
sudo dscl . -create /Users/Alma PrimaryGroupID 1098
sudo dscl . -create /Users/Alma NFSHomeDirectory /Local/Users/Alma
sudo dscl . -passwd /Users/Alma qwerty
sudo dscl . -append /Groups/admin GroupMembership Alma
```