



mac
os

MacOS
Initializer

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```
sudo ditto -rsrc /Users/mavillafuerte /Volumes/Data/mavillafuerte
```

2. Homebrew

Descargar

```
brew update
brew upgrade
brew tap
brew cask install java8
brew install maven
brew install gradle
brew install bash-completion
brew install nmap
brew cask install atom
brew cask install google-chrome
brew cask install intellij-idea-ce
brew cask install virtualbox

#Descarga la última versión de java
brew cask install java

#Font
brew cask install font-hack
```

```
curl -sL install-node.now.sh/lts | sh
curl --compressed -o- -L https://yarnpkg.com/install.sh | bash
```



Java 8

```
wget --no-check-certificate --no-cookies \  
  --header "Cookie: oraclelicense=accept-securebackup-cookie" \  
  --progress=dot:giga \  
  https://download.oracle.com/otn-pub/java/jdk/8u191-  
b12/2787e4a523244c269598db4e85c51e0c/jdk-8u191-linux-x64.tar.gz  
sudo tar xvf jdk-8u191-linux-x64.tar.gz -C /usr/local/share/  
sudo ln -sf /usr/local/share/jdk1.8.0_191/bin/java /usr/local/bin/java  
java -version
```

Java 11

```
wget --no-check-certificate --no-cookies \  
  --header "Cookie: oraclelicense=accept-securebackup-cookie" \  
  --progress=dot:giga \  
  https://download.oracle.com/otn-  
pub/java/jdk/11.0.1+13/90cf5d8f270a4347a95050320eef3fb7/jdk-11.0.1_linux-  
x64_bin.tar.gz  
sudo tar xvf jdk-11.0.1_linux-x64_bin.tar.gz -C /usr/local/share/
```

Gradle

```
wget --progress=dot:giga \  
  https://services.gradle.org/distributions/gradle-4.2-all.zip  
sudo unzip gradle-4.2-all.zip -d /usr/local/share/  
sudo ln -sf /usr/local/share/gradle-4.2/bin/gradle /usr/local/bin/gradle  
gradle -version  
gradle wrapper --gradle-version 4.2
```

3. Java

Maven

```
wget --progress=dot:giga \  
  http://www-us.apache.org/dist/maven/maven-3/3.6.0/binaries/apache-maven-3.6.0-  
bin.tar.gz  
sudo tar xvf apache-maven-3.6.0-bin.tar.gz -C /usr/local/share/  
sudo ln -sf /usr/local/share/apache-maven-3.6.0/bin/mvn /usr/local/bin/mvn  
mvn -v
```



git config

```
git config --global pull.ff only # Disallows non ff merges on pull. Overrides merge.ff  
when pulling
```

```
git config --global merge.ff false # even create extra merge commit when fast forward  
merge would be possible
```

```
git config --global pull.rebase true # set up pull to rebase instead of merge
```

4. Git

git aliases

```
git config --global alias.alias "!git config -l | grep alias | cut -c 7-"
git config --global alias.br "branch -a -v"
git config --global alias.ca "commit --amend"
git config --global alias.cane "commit --amend --no-edit"
git config --global alias.ci "commit"
git config --global alias.ck "checkout"
git config --global alias.cl "clone"
git config --global alias.conf "config --global --list"
git config --global alias.dw "diff --word-diff=color"
git config --global alias.dw-1 "diff --word-diff=color HEAD^"
git config --global alias.dw-2 "diff --word-diff=color HEAD^^"
git config --global alias.f "fetch"
git config --global alias.ll "log --graph"
git config --global alias.llf "log --graph --first-parent"
git config --global alias.lld "log --graph --date-order"
git config --global alias.llp "log --graph -p"
git config --global alias.lls "log --graph --stat"
git config --global alias.llive "!f() { while ;; do clear; git ll -$1; sleep 1; done }; f"
git config --global alias.ph "push"
git config --global alias.pl "pull --rebase"
git config --global alias.ppl "!git remote update --prune && git pull --rebase"
git config --global alias.ra "remote add"
git config --global alias.rev "merge --no-ff --no-commit"
git config --global alias.rr "remote remove"
git config --global alias.sl "stash list"
git config --global alias.slp "stash list --word-diff=color -p"
git config --global alias.sls "stash list --stat"
git config --global alias.st "status"
git config --global alias.tree "log --all --graph --decorate --oneline --simplify-by-decoration"
git config --global alias.bcurrent "rev-parse --abbrev-ref HEAD"
```




git color

```
git config --global color.branch "auto"
git config --global color.branch.current "green"
git config --global color.branch.local "cyan"
git config --global color.branch.remote "white"
git config --global color.decorate.branch "green"
git config --global color.decorate.head "white"
git config --global color.decorate.remote "yellow"
git config --global color.decorate.stash "yellow"
git config --global color.decorate.tag "yellow"
git config --global color.diff "auto"
git config --global color.diff.context "102"
git config --global color.diff.frag "080"
git config --global color.diff.func "176"
git config --global color.diff.meta "016"
git config --global color.diff.new "157 016"
git config --global color.diff.old "210 016"
git config --global color.interactive "auto"
git config --global color.interactive.error "normal"
git config --global color.interactive.header "normal"
git config --global color.interactive.help "normal"
git config --global color.interactive.prompt "normal"
git config --global color.pager "true"
git config --global color.status "auto"
git config --global color.status.added "114"
git config --global color.status.branch "016 068"
git config --global color.status.changed "210"
git config --global color.status.header "102"
git config --global color.status.nobranch "bold ul blink 209"
git config --global color.status.untracked "221"
git config --global color.ui "auto"
```

4. Git

git format

```
git config --global format.pretty "%C(045)%h%C(reset) %C(255)%s%C(reset)
%C(auto)%D%C(reset) %C(190 dim)%an%C(reset) %C(046 dim)%ar%C(reset) %b"
```

git user

```
git config --global user.email "mivimur@hotmail.com"
git config --global user.name "Miguel Villafuerte"
```

git ignore

```
git config --global core.excludesFile ~/.gitignore
```



~/.*gitignore*

```
### Maven ###
target/

### Gradle ###
.gradle
gradlew.bat
!gradle/wrapper/gradle-wrapper.jar

### STS ###
.appt_generated
.classpath
.factorypath
.project
.settings
.springBeans

### IntelliJ IDEA ###
.idea
*.iws
*.iml
*.ipr

### NetBeans ###
nbproject/private/
build/
nbbuild/
dist/
nbdist/
.nb-gradle/
```

git commit template

```
git config --global commit.template ~/.gitmessage
```

4. Git

~/.*gitmessage*

```
# feature() :  
#   - new feature for the user, not a new feature for build script.  
# fix() :  
#   - bug fix for the user, not a fix to a build script.  
# docs() :  
#   - changes to the documentation.  
# style() :  
#   - formatting, missing semi colons, etc; no production code change.  
# refactor() :  
#   - refactoring production code, eg. renaming a variable.  
# test() :  
#   - adding missing tests, refactoring tests; no production code change  
# chore() :  
#   - updating grunt tasks etc; no production code change.  
  
# Jira: #
```



bash_aliases

```
alias v='vi -' # redirect output to vim
alias ..='cd ..'
alias ../2='cd ../../'
alias desk='cd ~/Desktop'
alias gitlab='cd ~/Projects/Gitlab'
alias ll='ls -la'
alias oa='atom .'
alias of='open .'
alias oi='idea .'
alias projects='cd ~/Projects'
alias newproject='mkdir -p src/{main,test}/{java,resources}
src/main/java/com/mvillafuertem'
alias workspace='cd ~/Workspace'
alias ppwd='cd `pbpaste`'
alias hound='grep -Hrn --color $1 $2'

### Gradle ###
alias kalias="cat ~/.bash_aliases | grep gradlew"
alias gdlcb='./gradlew clean build'
alias gdltc='./gradlew test --continuous'
alias gdl tj='./gradlew test jacocoTR --continuous'

### Maven ###
alias malias="cat ~/.bash_aliases | grep mvn"
alias mvncc='mvn clean compile'
alias mvnci='mvn clean install'
alias mvncis='mvn clean install -Dmaven.test.skip'
alias mvnco='mvn clean test cobertura:cobertura'
alias mvnct='mvn clean test'
alias mvncto='mvn -o clean test'
alias mvnda='mvn dependency:analyze'
alias mvndl='mvn dependency:list'
alias mvndt='mvn dependency:tree'
alias mvndu='mvn versions:display-dependency-updates'
alias mvnpu='mvn versions:display-plugin-updates'
```

5. Terminal

```
alias mvnsr='mvn surefire-report:report'
alias mvnso='mvn sonar:sonar'
alias mvndlfilter='mvn dependency:list -Dsort=true |
  grep "^\[INFO\]  ' |
  awk '{print $2}' |
  cut -f1-4 -d: |
  sort |
  uniq |
  cut -f1-3 -d: |
  uniq -c |
  grep -v '^ *1 '
```

```
alias mvn2grdlversions="mvn dependency:list -Dsort=true | grep '^\[INFO\]  ' | awk
'{print \$2}' | cut -f2,4 -d: | sort | uniq | awk -F:' '{q=\"\x27\"; print q\$1 q \"l:\"
q\$2q\"\", \" }' | column -t -s'|"
alias mvn2grdllibs="mvn dependency:list -Dsort=true | grep '^\[INFO\]  ' | awk '{print
\$2}' | column -t -s: | awk '{q=\"\x27\"; print q\$2q \"l:\" q\$1 \"\": \" \$2
\":\$versions.\" \$2q\", \"}' | sort | uniq | column -t -s'|"

### VirtualBox ###
alias vbox-start='VBoxManage startvm ubuntu -type headless'
alias vbox-stop='VBoxManage controlvm ubuntu poweroff'
alias vbox-list='VBoxManage list vms'

### Docker ###
alias kalias="cat ~/.bash_aliases | docker"
alias dkl='docker ps --format "table {{.ID}}\t{{.Image}}\t{{.Status}}\t{{.Ports}}\t{{.Names}}"'

### Kubernetes ###
alias kalias="cat ~/.bash_aliases | grep kubectl"
alias klogs="kubectl logs -f"
alias kpod="kubectl describe pod"
alias kapply="kubectl apply -f"
alias kdel="kubectl delete pod"
alias kpods="kubectl get pods --output=wide"
alias kwatch="kubectl get pods -w"
alias kserv="kubectl describe service"
alias knamespace="kubectl config set-context --current --namespace"
```



bash_functions

```
if [ -f $(brew --prefix)/etc/bash_completion ]; then
    . $(brew --prefix)/etc/bash_completion
fi

newmicro() {
    `mkdir -p src/{main,test}/{java,resources}
    src/main/java/com/mvillafuertem/$1/{common,component,configuration,controller,model,repository,service}`
}

fromhex() {
    hex=${1#"#"}
    r=$(printf '0x%0.2s' "$hex")
    g=$(printf '0x%0.2s' "${hex#??}")
    b=$(printf '0x%0.2s' "${hex#????}")
    printf '%03d' "$(( (r<75?0:(r-35)/40)*6*6 +
                    (g<75?0:(g-35)/40)*6  +
                    (b<75?0:(b-35)/40)  + 16 ))"
}
```

bashrc

```
if [ -f ~/.bash_villafuerte ]; then
    . ~/.bash_villafuerte
fi
```

bash_villafuerte

```
source .bash_aliases
source .bash_functions

export CDPATH=.:~/Projects

if [ -f /usr/local/share/kube-ps1/kube-ps1.sh ]; then
    . /usr/local/share/kube-ps1/kube-ps1.sh
```

5. Terminal

```
fi

function git_villafuerte {
  local git_compruebo="$(git branch 2>/dev/null)"
  if [[ ! -z "$git_compruebo" ]]; then
    local git_status="$(git status 2> /dev/null)"
    local git_branch="$(git branch 2> /dev/null | grep '^*' | colrm 1 2)"

    if [[ ! $git_status =~ "working tree clean" ]]; then
      echo -e "\033[3;38;5;124m [?] $git_branch"
    elif [[ $git_status =~ "branch is ahead" ]]; then
      echo -e "\033[3;38;5;172m [?] $git_branch"
    else
      echo -e "\033[3;32m [??] $git_branch"
    fi
  fi
}

PS1='\[\033[0;32m\]\u '
PS1+='\[\033[0;36m\]\w'
PS1+='\$(git_villafuerte) '
#PS1+='\$(kube_ps1)'
PS1+='\[\033[0;37m\]\$(date "+%d/%b/%Y %H:%M:%S") '
PS1+='\n\[\033[0;32m\][??]>\[\033[0m\'

if [ -f ~/.bash_aliases ]; then
  . ~/.bash_aliases
fi

COLOR_PRIMARY="\033[38;5;24m"
COLOR_SECONDARY="\033[38;5;52m"
COLOR_THIRD="\033[38;5;242m"
COLOR_AUX="\033[38;5;3m"
COLOR_RESET="\033[0m"
```




```
PS1="$COLOR_AUX\u$COLOR_RESET $COLOR_PRIMARYw$COLOR_RESET"  
PS1+="\n$COLOR_AUX ??>$COLOR_RESET "
```

5.1. Resultado

```
mavillafuerte — -bash — 80x24  
Last login: Wed Oct 25 22:36:35 on ttys003  
mavillafuerte ~ 25/Oct/2017 22:37:08  
L> |
```

6. Atom

```
apm install sort-lines  
apm install asciidoc-preview  
apm install language-asciidoc
```



```
sudo gem install --pre asciidoctor-pdf  
sudo gem install asciidoctor  
sudo gem install pygments.rb  
sudo gem install coderay
```

8. iTerm 2

```
brew cask install iTerm2
```

8.1. oh-my-zsh

```
sh -c "$(curl -fsSL https://raw.githubusercontent.com/robbyrussell/oh-my-zsh/master/tools/install.sh)"
```

8.2. Solarized Theme

```
git clone https://github.com/bhilburn/powerlevel9k.git ~/.oh-my-zsh/custom/themes/powerlevel9k
```

```
vi .zshrc  
# añadir las siguientes lineas  
ZSH_THEME="agnoster"  
ZSH_THEME="powerlevel9k/powerlevel9k"
```

8.3. Fonts

```
# Debes instalar estas fuentes, para evitar errores en los caracteres  
git clone https://github.com/powerline/fonts.git --depth=1  
# install  
cd fonts  
./install.sh  
# clean-up a bit  
cd ..  
rm -rf fonts
```

Preferences > Profiles > Text > Change Font > Meslo LG for Powerline



8.4. Resultado

A terminal window titled "1. mavillafuerte@MacBook-Pro: ~ (zsh)". The window shows the login process for user "mavillafuerte". The prompt is "mavillafuerte@MacBook-Pro ~". The status bar at the bottom right shows a green checkmark, the number "53", and the time "22:24:53".

```
1. mavillafuerte@MacBook-Pro: ~ (zsh)
Last login: Wed Oct 25 22:24:36 on ttys002
mavillafuerte@MacBook-Pro ~
```