# SOFTWARE INSTALLED, AND ISSUES DISCOVERED & RESOLVED

When a Java application cannot load (i.e. cannot create a JVM or find a JRE/JDK then it usually means that the application is 32 bit or 64 bit and it cannot find the required JRE/JDK in 32 bit or 64 bit)

SSH client -> use PuTTY

18/10/2014 16:13

* Upgraded VirtualBox to 4.3.18 which resolved the “make sure the kernel module has been loaded successfully” (also bad dll message on opening of VirtualBox). All VMs are now working
* Issues with Java which I had fixed before, still need to fix, I should refrain from upgrading Java until the end of the project.
* In UbuntuDesktopX32 VM:
  + Maven has been installed but never used it
  + Disk space is low, need to free up if upgrading from Ubuntu 12 -> 14
  + Accidently deleted the hard drive image of this VM, have now deleted this
* Created UbuntuServerX64 (may have only called it UbuntuX64 in places/set-up i.e. hostname)
* Created UbuntuDesktopX64 using C:\Users\johnwarde\Downloads\ubuntu-14.04.1-desktop-amd64.iso

#

27/10/2014 21:01

* After learning some Puppet from tutorials at puppetlabs.com, decided to switch to Chef after reading a number of articles stating that Chef is more suited to multi-cloud environments because it more customisable and better integration with external tools which may be needed for this project.
  + <https://www.computenext.com/blog/opscode-chef-vs-puppet-labs-for-multi-cloud-orchestration/>
  + <http://devopsanywhere.blogspot.ie/2011/10/puppet-vs-chef-fight.html>
* Installed Ubuntu version of Chef-DK on UbuntuDesktopX64 from <http://downloads.getchef.com/chef-dk> and let the Ubuntu Software Center open the .deb file

02/11/2014

* Attempt to get stuff going on the macbook …
* Was able to reset my account (name) using steps in the “Resetting a password without an additional account” from here:
* Then needed to reset/delete the default keychain:  
  <http://support.apple.com/en-us/HT1631>

01/11/2014

* On Unbuntu
* Installed Oracle JDK using the following, based on the “Install Oracle Java 7 in Ubuntu or Linux Mint via PPA” section of <http://www.webupd8.org/2012/01/install-oracle-java-jdk-7-in-ubuntu-via.html>  
  sudo mount -t vboxsf jbdissertation jbdissertation

sudo add-apt-repository ppa:webupd8team/java

sudo apt-get update

sudo apt-get install oracle-java7-installer

java -version

javac -version

sudo apt-get install oracle-java7-set-default

02/11/2014

* Continuing on with Chef (already installed on TODO) ...
* Followed tutorial starting at https://learn.getchef.com/ubuntu
* Then followed this which required ...
* Signing up for a free trial account at opscode.com
* Downloading a Starter Kit, a zip file containing certificates, links to account just set up etc. : https://learn.getchef.com/ubuntu/get-ready-to-add-another-server/

02/11/2014

* On MacBook ...
* Downloaded the .dmg file for ChefDK however I am getting an “Illegal Instruction 4” or “Segmention fault: 11” when I try to run any chef commands
* Decided to uninstall ChefDK and upgrade Mac OSX

06/11/2014

* Mackbook …
* Successfully upgraded Mac OSX to Yosmite
* Successfully installed ChefDK:
  + Downloaded the .DMG file from <http://downloads.getchef.com/chef-dk/mac/#/>
  + Opened the .DMG file on the Mac and it contained a .pkg file, double clicked on this and it installed successfully
  + Typed 'chef verify' in a terminal session and all was verified with no illegal instruction/segmentation fault errors
  + More info here for un-installing etc.: https://docs.getchef.com/install\_dk.html
  + Saving this line although this may only be for installing chef client tools and not the ChefDK  
    curl -L http://www.getchef.com/chef/install.sh | sudo
* Need start creating a Chef recipe for the applications I install on the Mac, start with git then Java. Also need to start thing about but these into the git repository