

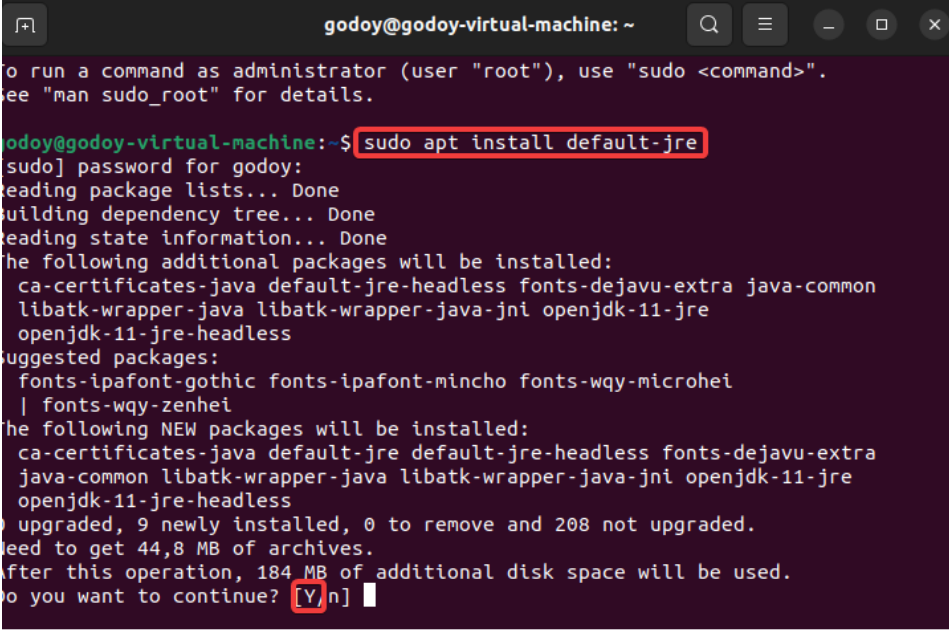


# INSTALACION ECLIPSE UBUNTU

ALEJANDRO GODOY CINTAS  
1DAW

Primeramente, vamos a instalar OpenJDK antes de la instalación como tal de Eclipse, por lo tanto deberemos lanzar el comando por consola

Sudo apt install default-jre

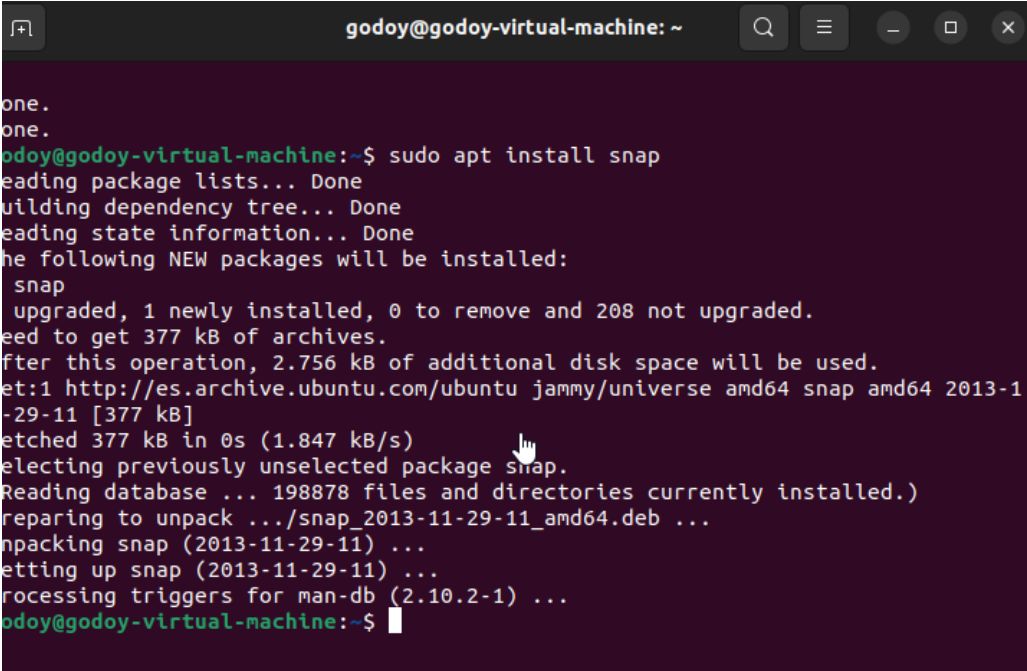


```
godoy@godoy-virtual-machine: ~  
to run a command as administrator (user "root"), use "sudo <command>".  
see "man sudo_root" for details.  
  
godoy@godoy-virtual-machine:~$ sudo apt install default-jre  
[sudo] password for godoy:  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
The following additional packages will be installed:  
  ca-certificates-java default-jre-headless fonts-dejavu-extra java-common  
  libatk-wrapper-java libatk-wrapper-java-jni openjdk-11-jre  
  openjdk-11-jre-headless  
Suggested packages:  
  fonts-ipafont-gothic fonts-ipafont-mincho fonts-wqy-microhei  
  | fonts-wqy-zenhei  
The following NEW packages will be installed:  
  ca-certificates-java default-jre default-jre-headless fonts-dejavu-extra  
  java-common libatk-wrapper-java libatk-wrapper-java-jni openjdk-11-jre  
  openjdk-11-jre-headless  
0 upgraded, 9 newly installed, 0 to remove and 208 not upgraded.  
Need to get 44,8 MB of archives.  
After this operation, 184 MB of additional disk space will be used.  
Do you want to continue? [Y/n]
```

Alejandro Godoy

Una vez instalado OpenJDK instalaremos snap para poder instalar los paquetes de aplicaciones de Ubuntu, para ello lanzaremos el comando

Sudo apt install snap



```
godoy@godoy-virtual-machine: ~  
one.  
one.  
godoy@godoy-virtual-machine:~$ sudo apt install snap  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
The following NEW packages will be installed:  
  snap  
0 upgraded, 1 newly installed, 0 to remove and 208 not upgraded.  
Need to get 377 kB of archives.  
After this operation, 2.756 kB of additional disk space will be used.  
Get:1 http://es.archive.ubuntu.com/ubuntu jammy/universe amd64 snap amd64 2013-11-29-11 [377 kB]  
Fetched 377 kB in 0s (1.847 kB/s)  
Selecting previously unselected package snap.  
Reading database ... 198878 files and directories currently installed.)  
Preparing to unpack .../snap_2013-11-29-11_amd64.deb ...  
Unpacking snap (2013-11-29-11) ...  
Setting up snap (2013-11-29-11) ...  
Processing triggers for man-db (2.10.2-1) ...  
godoy@godoy-virtual-machine:~$
```

Alejandro Godoy

De esta forma ya podremos instalar Eclipse, para ello lanzamos este comando a la consola para descargar la aplicación

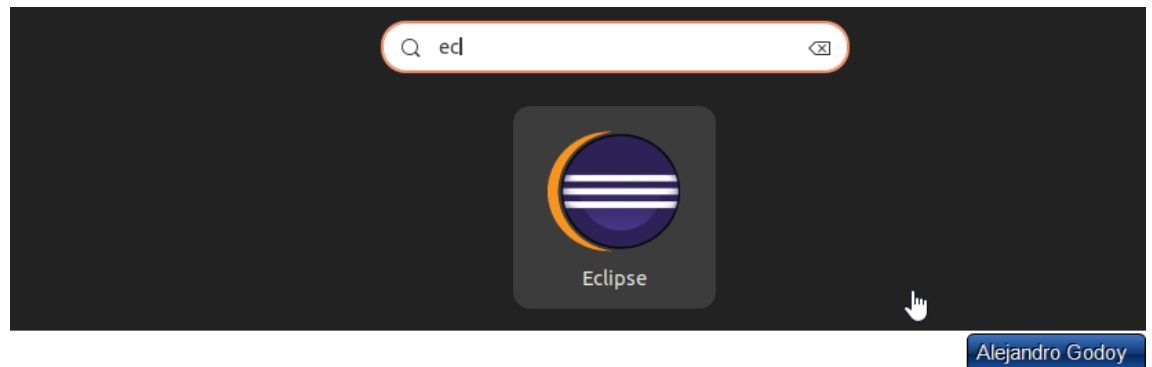
```
Sudo snap install --classic eclipse
```

```
godoy@godoy-virtual-machine:~$ sudo snap install --classic eclipse
Your command included some characters that look like dashes but are not:
  "snap install \u2013classic eclipse"
In some situations you might find that when copying from an online source such
as a blog you need to replace "typographic" dashes and quotes with their ASCII
equivalent. Dashes in particular are homoglyphs on most terminals and in most
fixed-width fonts, so it can be hard to tell.

error: cannot install "--classic", "eclipse": invalid instance name: invalid
snap name: "--classic"
godoy@godoy-virtual-machine:~$ sudo snap install --classic eclipse
Download snap "eclipse" (66) from channel "stable" 79% 26.3MB/s 2.65s
```

Alejandro Godoy

Si buscamos la aplicación Eclipse en el equipo veremos que ya esta instalada

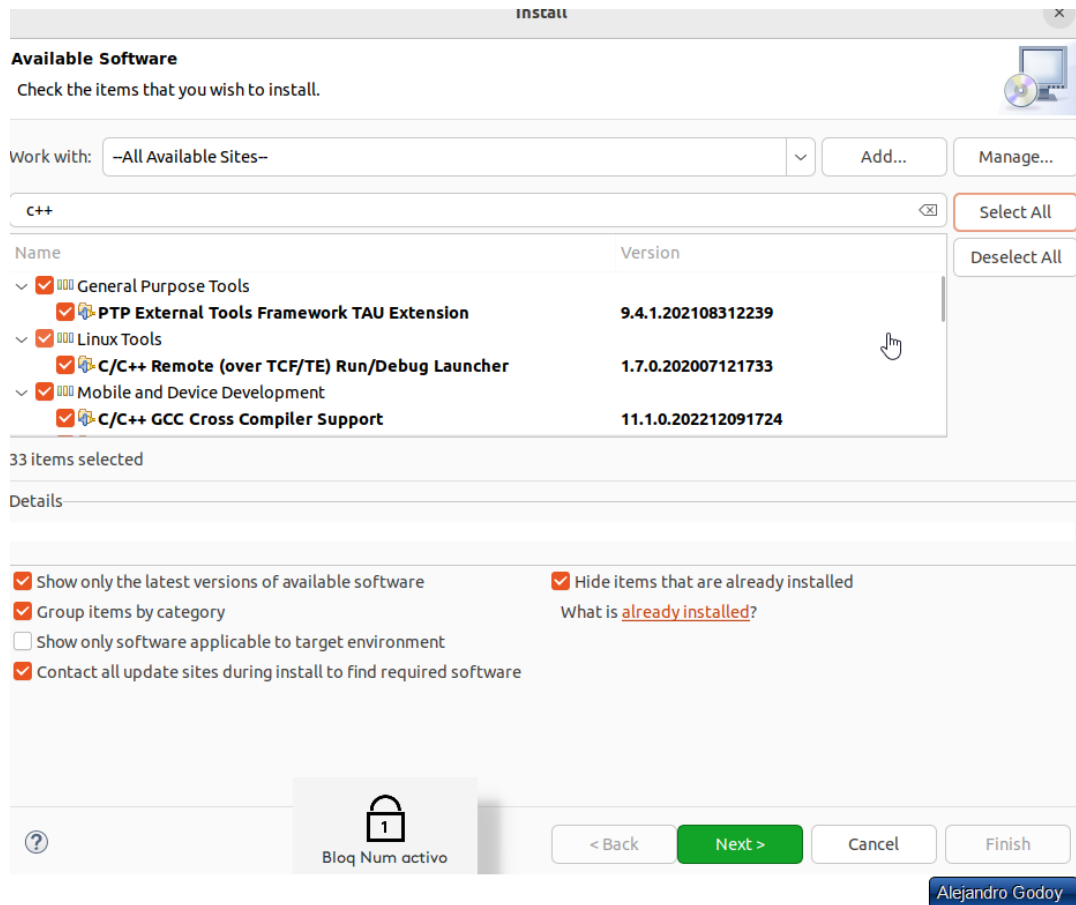


Para comprobar que todo funciona correctamente crearemos un programa en java y c++ que nos imprima por consola Hello World, Alejandro Godoy

Creamos el proyecto y la clase en java y creamos el programa

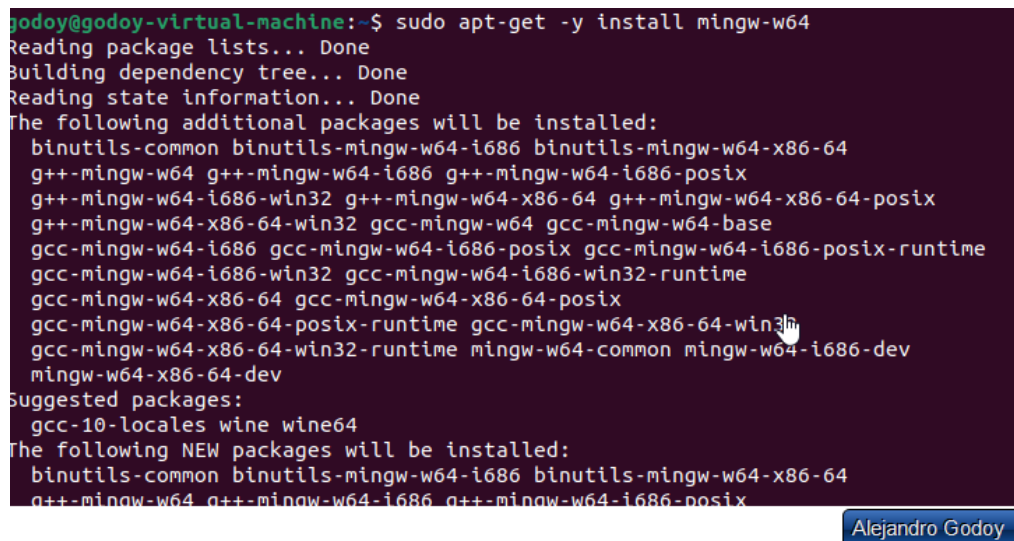


Para instalar C++ nos dirigiremos a help/new software/ e instalamos el lenguaje C++



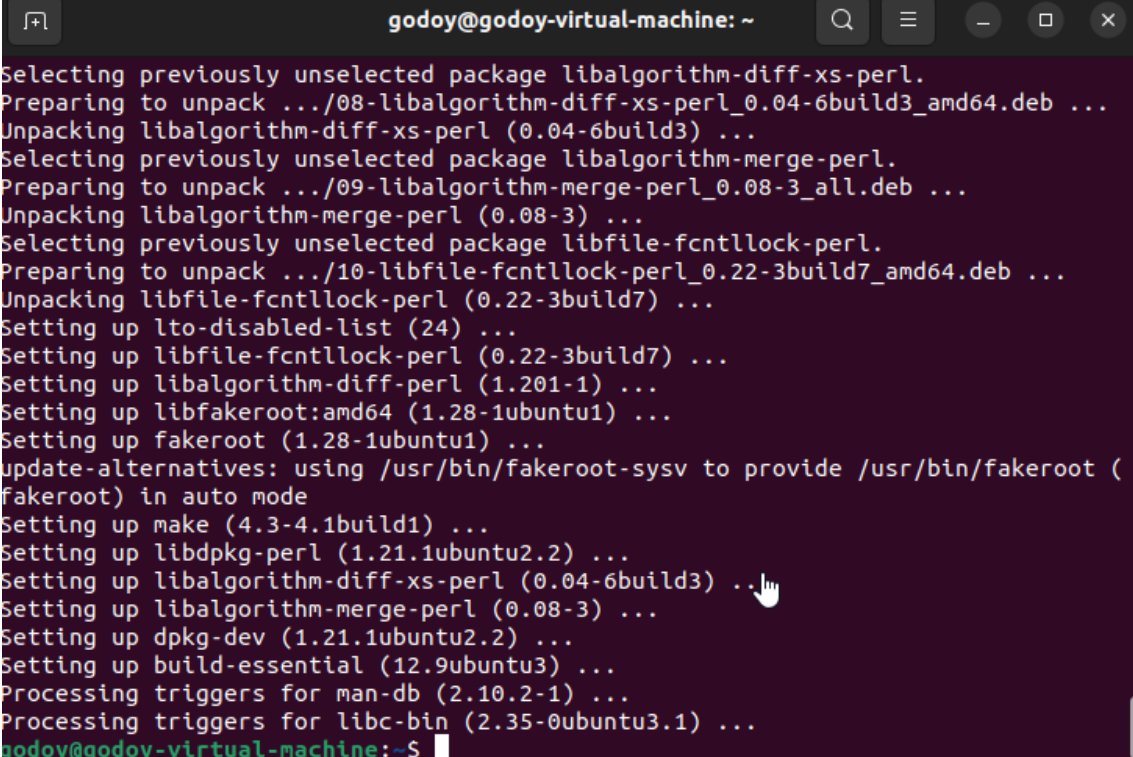
Para poder compilar y programar en c++ tendremos que lanzar por consola una serie de comandos

```
sudo apt-get -y install mingw-w64
```



Seguidamente haremos un `apt update` y `sudo apt upgrade` para asegurarnos de instalar todas las características

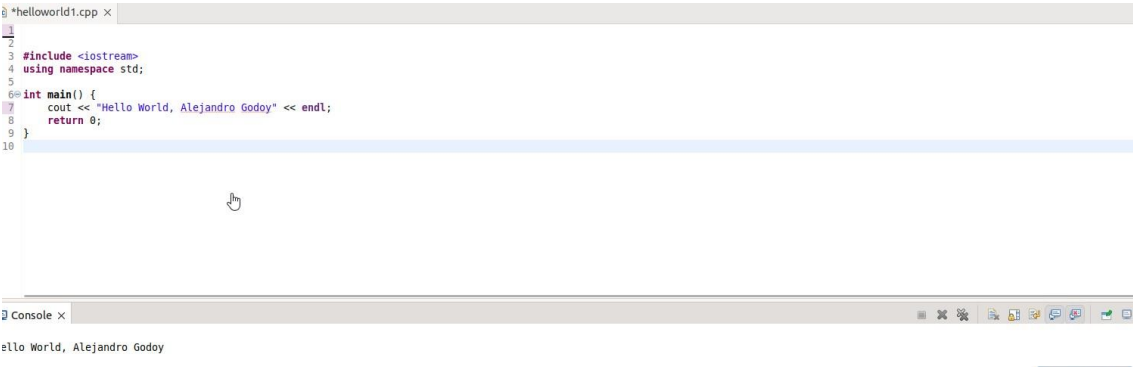
Después de actualizar lanzaremos el comando `sudo apt install g++` y `sudo apt-get install build-essential` y una vez hecho esta ya podremos programar en c++



```
godoy@godoy-virtual-machine: ~  
Selecting previously unselected package libalgorithm-diff-xs-perl.  
Preparing to unpack .../08-libalgorithm-diff-xs-perl_0.04-6build3_amd64.deb ...  
Unpacking libalgorithm-diff-xs-perl (0.04-6build3) ...  
Selecting previously unselected package libalgorithm-merge-perl.  
Preparing to unpack .../09-libalgorithm-merge-perl_0.08-3_all.deb ...  
Unpacking libalgorithm-merge-perl (0.08-3) ...  
Selecting previously unselected package libfile-fcntllock-perl.  
Preparing to unpack .../10-libfile-fcntllock-perl_0.22-3build7_amd64.deb ...  
Unpacking libfile-fcntllock-perl (0.22-3build7) ...  
Setting up lto-disabled-list (24) ...  
Setting up libfile-fcntllock-perl (0.22-3build7) ...  
Setting up libalgorithm-diff-perl (1.201-1) ...  
Setting up libfakeroot:amd64 (1.28-1ubuntu1) ...  
Setting up fakeroot (1.28-1ubuntu1) ...  
update-alternatives: using /usr/bin/fakeroot-sysv to provide /usr/bin/fakeroot ( fakeroot) in auto mode  
Setting up make (4.3-4.1build1) ...  
Setting up libdpkg-perl (1.21.1ubuntu2.2) ...  
Setting up libalgorithm-diff-xs-perl (0.04-6build3) ...  
Setting up libalgorithm-merge-perl (0.08-3) ...  
Setting up dpkg-dev (1.21.1ubuntu2.2) ...  
Setting up build-essential (12.9ubuntu3) ...  
Processing triggers for man-db (2.10.2-1) ...  
Processing triggers for libc-bin (2.35-0ubuntu3.1) ...  
godoy@godoy-virtual-machine:~$
```

Alejandro Godoy

crearíamos Hello world en este caso en C++



```
1 #include <iostream>  
2 using namespace std;  
3  
4 int main() {  
5     cout << "Hello World, Alejandro Godoy" << endl;  
6     return 0;  
7 }  
8  
9  
10
```

Hello World, Alejandro Godoy

Alejandro Godoy