

Eclipse Initial Setup

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Apex Embedded Systems

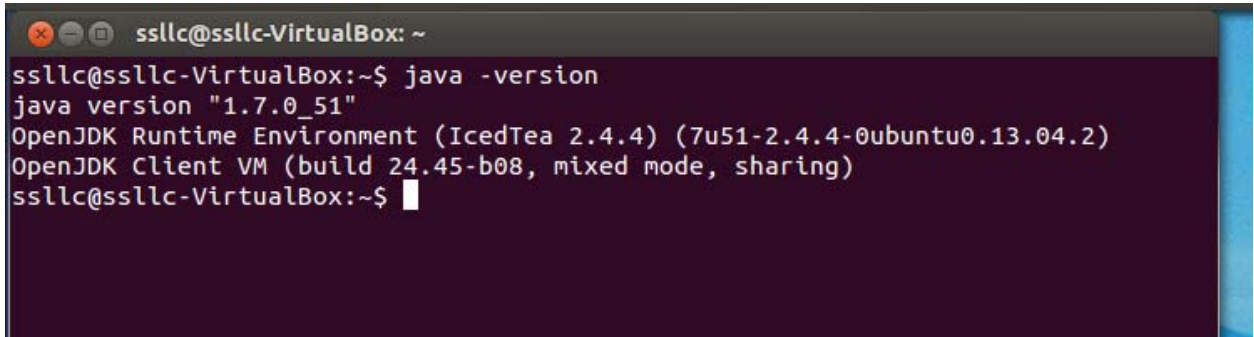
Apex Universal Library and Driver

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Install Eclipse CDT

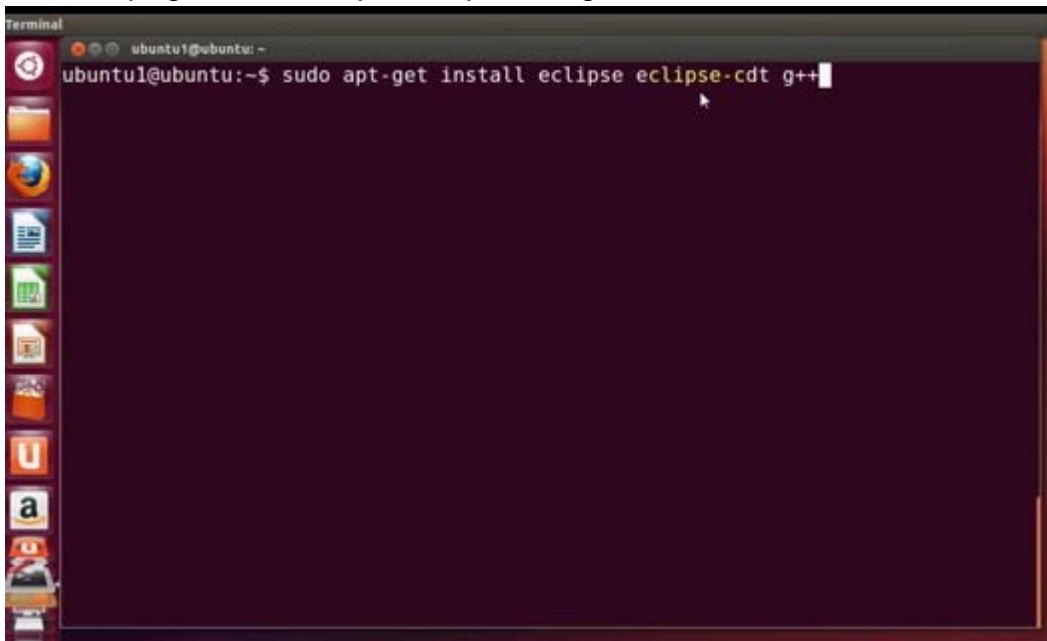
Installing Eclipse CDT from the command line on Linux requires root password access.

1. Verify Java install by entering following command
`$ java -version`

A terminal window titled 'ssllc@ssllc-VirtualBox: ~' with a dark purple background. It shows the command 'java -version' being executed, resulting in the following output: 'java version "1.7.0_51"', 'OpenJDK Runtime Environment (IcedTea 2.4.4) (7u51-2.4.4-0ubuntu0.13.04.2)', and 'OpenJDK Client VM (build 24.45-b08, mixed mode, sharing)'. The prompt returns to 'ssllc@ssllc-VirtualBox:~\$' with a cursor.

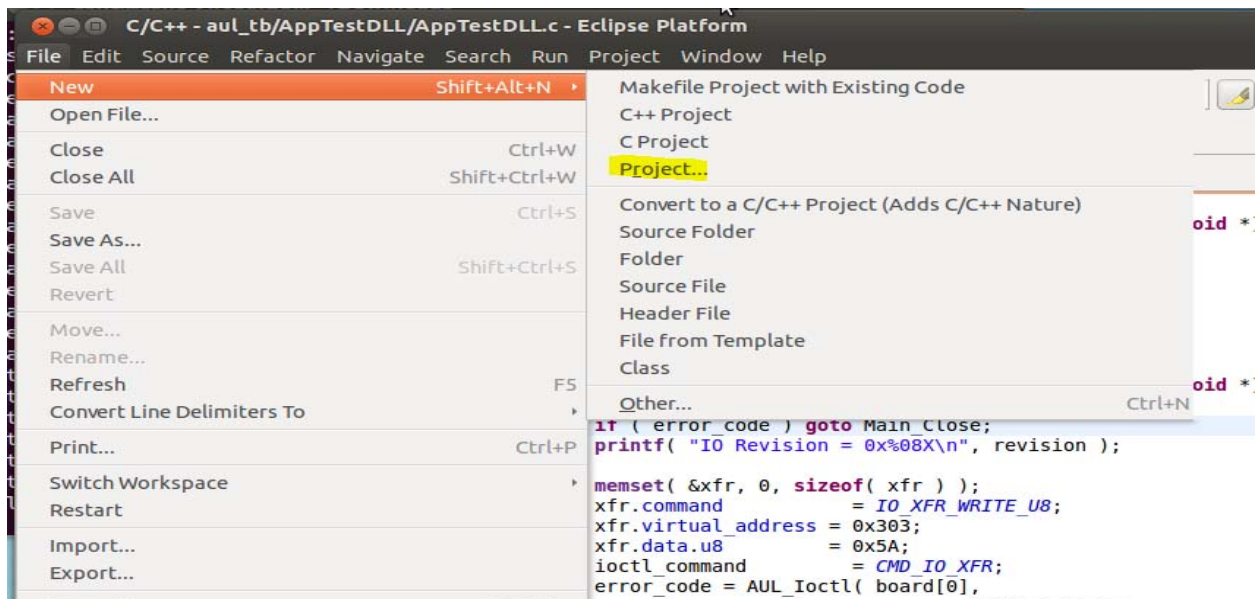
```
ssllc@ssllc-VirtualBox: ~  
ssllc@ssllc-VirtualBox:~$ java -version  
java version "1.7.0_51"  
OpenJDK Runtime Environment (IcedTea 2.4.4) (7u51-2.4.4-0ubuntu0.13.04.2)  
OpenJDK Client VM (build 24.45-b08, mixed mode, sharing)  
ssllc@ssllc-VirtualBox:~$
```

2. If Java is installed you will see output as above
3. If Java is not installed run following command
`$ sudo apt-get install default-jre`
4. To install Eclipse CDT open a terminal and run the following command
`$ sudo apt-get install eclipse eclipse-cdt g++`

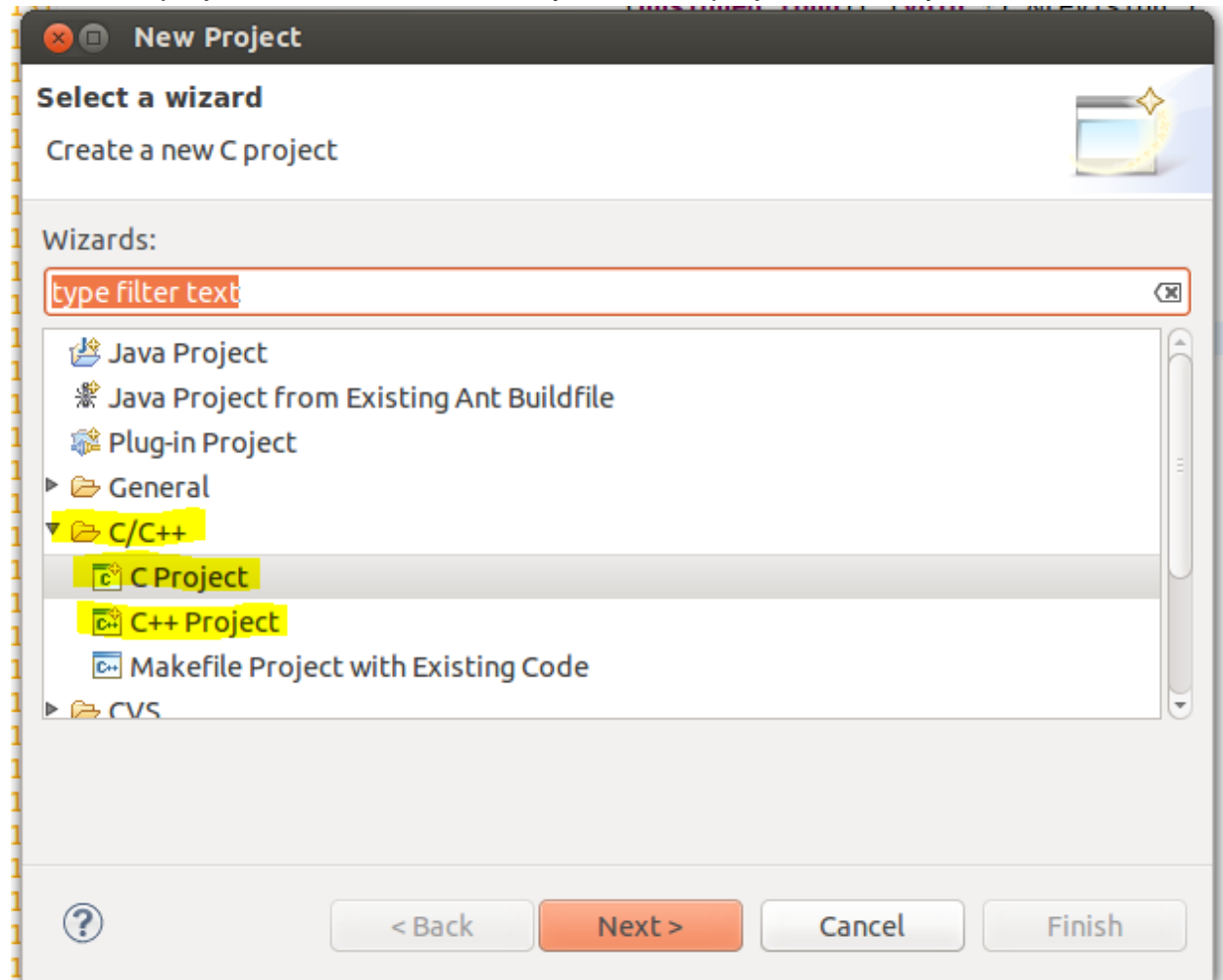
A terminal window titled 'Terminal' with a dark purple background. The prompt is 'ubuntu1@ubuntu: ~'. The command 'sudo apt-get install eclipse eclipse-cdt g++' is entered and highlighted in yellow. A mouse cursor is positioned over the command.

```
Terminal  
ubuntu1@ubuntu: ~  
ubuntu1@ubuntu:~$ sudo apt-get install eclipse eclipse-cdt g++
```

5. To run Eclipse run the following command
`$ eclipse`
6. You can verify CDT install by selecting File => New => Project



7. In the new project wizard, the availability of C/C++ project will verify CDT install.



8. Eclipse with CDT is successfully installed.