



# **OCT v1.0-stable**

## **Maintenance Manual**

Denis SAUNIER, Romain BOUTIN,  
Thibaud LAMARCHE, William LE COROLER

Mars 09, 2015

Referring professor: Philippe MESEURE



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## **Compilation**

### ***Linux compilation:***

In order to compile under Debian or Ubuntu you need to:

- Get the latest version of the project on git.
- Install latest version of qtcreator (libqt >= 5)

Command line for Ubuntu >= 14.0

```
sudo apt-get install qtcreator  
sudo apt-get install libqt5xmlpatterns5 libqt5xmlpatterns5-dev  
sudo apt-get install ffmpeg  
sudo apt-get install mkvtoolnix  
sudo apt-get install mktorrent
```

- Compile QtAV : [QtAV.pdf](#)
- Import the project and compile QtCreator.
- Move OCT.jar at the root of compilation folder

### ***OSX compilation:***

In order to compile under OSX, you need to:

- Get the latest version of the project on git.
- Install latest version of qtcreator (libqt >= 5)
  - [http://download.qt-project.org/official\\_releases/qt/5.4/5.4.1/qt-opensource-mac-x64-clang-5.4.1.dmg](http://download.qt-project.org/official_releases/qt/5.4/5.4.1/qt-opensource-mac-x64-clang-5.4.1.dmg)
- Compile QtAV : [QtAV.pdf](#)
- Get the latest version of MKVToolNix :  
<https://www.bunkus.org/videotools/mkvtoolnix/downloads.html>
- Get the latest version of Ffmpeg : <https://www.ffmpeg.org/download.html#build-mac>
- Compile Mktorrent <http://mktorrent.sourceforge.net/>
- Move OCT.jar and mktorrent at the root of compilation folder

### ***Windows compilation:***

In order to compile under Windows you need to:

- Get the latest version of the project on git.

- Install latest version of qtcreator (libqt >= 5)
  - [http://download.qt-project.org/official\\_releases/qt/5.4/5.4.1/qt-opensource-windows-x86-mingw491\\_opengl-5.4.1.exe](http://download.qt-project.org/official_releases/qt/5.4/5.4.1/qt-opensource-windows-x86-mingw491_opengl-5.4.1.exe)
- Compile QtAV : [QtAV.pdf](#)
- Get the latest version of MKVToolNix :  
<https://www.bunkus.org/videotools/mkvtoolnix/downloads.html>
- Get the latest version of Ffmpeg : <http://ffmpeg.zeranoe.com/builds/>
- Get the latest version of Mktorrent : <https://github.com/wakeupnow4321/mkrtorrent-for-windows>
- Move OCT.jar and mktorrent at the root of compilation folder  
([http://fr.openclassrooms.com/forum/sujet/tuto-installer-qt-sous-windows#.U3sDDHV\\_vWQ](http://fr.openclassrooms.com/forum/sujet/tuto-installer-qt-sous-windows#.U3sDDHV_vWQ))