Below the way to make OCV installation (from source) easier.  
  
The simplest way - is to install all denpencies from repository's OCV and then to build it from source. The comand to do it is

| sudo apt-get build-dep libopencv-core2.4

If you use OS with CMake v. 2.x and Ubuntu < 15.04 - it's end of the torment. Also recommend to install all Qt capabilities and then

| **OCV-source-dir$** mkdir build  
| **OCV-source-dir$** cd build  
| **OCV-source-dir/build$** cmake -D CMAKE\_BUILD\_TYPE=RELEASE -D CMAKE\_INSTALL\_PREFIX=/usr/local -D BUILD\_NEW\_PYTHON\_SUPPORT=ON -D WITH\_TBB=ON -D WITH\_V4L=ON -D WITH\_FFMPEG=ON -D WITH\_GTK=ON -D WITH\_JPEG=ON -D WITH\_PNG=ON -D WITH\_OPENMP=ON -D WITH\_TIFF=ON -D WITH\_LIBV4L=ON -D WITH\_QT=ON -D WITH\_OPENGL=ON -D INSTALL\_C\_EXAMPLES=ON -D INSTALL\_PYTHON\_EXAMPLES=ON -D BUILD\_EXAMPLES=ON -D BUILD\_DOCS=ON -D INSTALL\_TESTS=ON ../

- it's all that you usually need for propper usability. And finally

| **OCV-source-dir/build$** make -j4  
| **OCV-source-dir/build$** sudo make install  
| sudo sh -c 'echo "/usr/local/lib" > /etc/ld.so.conf.d/opencv.conf'  
| sudo ldconfig

If you've had no errors on previous steps - the installation was performed successfully.

It's rather interesting if you have OS with CMake 3.x or Ubuntu >= 15.04.  
CMake v. 2.x and 3.x based on different standarts that's why soome features usually used in 2.x branch are not allowed (valid etc) in 3.x and you will get errors on cmake preparation step. Apply patch (in attachement) before.  
Newest Ubuntu have better ffmpeg integration by default and it's a problem. make step will failed complaining on avcodecs and related. You need to replace packages like libavcodec, libavformat etc with analogous libavcodec-ffmpegXX, libavformat-ffmpegXX etc. The simplest way - to remove libavutils and install all ffmpeg-related packages through graphical package manager. It can be done with two clicks usually. Later may be you will need to have removed packages in system (for propper video playback) - you can freely return them. If you'll try to install ffmpeg-related packages over existing, you'll get broken dependencies.