

## INFOIBV – 2013/2014

User Manual: **GetARealOS.exe**

This document is part of the practical assignment application and it shortly describes how to use the application.

The application we have developed is terminal only. It is programmed in C++ and compiled with Visual C++ 11. We have tested it on a clean install of Windows 8.1 – 64 bit operating system with the Visual c++ 2012 redistributable installed, you can download it [here](#).

The program can be started by executing the .exe file from a command prompt in Windows. The application comes with an '*images*' directory. In order to process an image there are five different pipelines to get the different images segmented well.

**GetARealOS.exe <pipeline\_name> <image> [-d]**

### **GetARealOS.exe**

The program needs at least two parameters in order to run. The third option '-d' is optional.

#### **<pipeline\_name>**

There are five different names, according with each image, these are:

- cheese
- balls
- xray
- boltsnuts
- road

#### **<image>**

According to the chosen pipeline, you need to give the path of the image, located in the '*images*' directory, the possible options are:

- images/cheese.png
- images/balls.png
- images/xray.png ; images/xray2.png ; images/xray3.png
- images/boltsnuts.png ; images/boltsnuts2.png ; images/boltsnuts3.png
- images/road.png

#### **(-d)**

Concluding the command with '-d' gives the debug output of the chosen pipeline. The default output is kept to a minimum and the '-d' flag prints some pipeline information if wanted.