

Virtual Machine Preparation for the Hackathon

For the coders wanting to take part in either the 'Explore CAV Data' or the 'Build a LUTZ simulation' challenge, it might be useful to download and install a virtual machine which contains Ubuntu 16.04, ROS Kinetic and OpenCV 3.1. Please follow these steps to do this:

1. Download Virtualbox
<https://www.virtualbox.org/>
2. Download Ubuntu 16.04.02 LTS
<https://www.ubuntu.com/download/desktop>
3. Create a new VM within Virtualbox using the downloaded iso file.
4. Install OpenCV 3.1
http://docs.opencv.org/3.1.0/d7/d9f/tutorial_linux_install.html
5. Install ROS Kinetic
<http://wiki.ros.org/kinetic/Installation/Ubuntu>

The process can be time consuming, so it is recommended to install the software before arrival.