Setup guide to getting YOLO object detection working with Intel RealSense cameras

- 1. Install Realsense for ROS:
- https://github.com/IntelRealSense/realsense-ros (Go with Method 1)
- 2. Clone this repository to catkin_ws/src and then catkin build
- 3. Install PyTorch

If you want to use the GPU version of PyTorch, follow the Cuda 11.0 installation tutorial below (Skip the CUDNN installation)

Cuda 11.0 Installation

Or just use the CPU variant of Pytorch (the GPU variant is much faster) https://pytorch.org/get-started/locally/ (Link to PyTorch)



NB! The first one is for GPU while the latter corresponds to the CPU variant of PyTorch.

To get the object detection working with RealSense you need to:

- cd ~/catkin_ws
- roslaunch realsense2_camera rs_camera.launch
- Open up a new terminal

- roslaunch ros_yolo yolo.launch