

Sourced from: <https://answers.ros.org/question/325930/ork-replacement-package/>

YOLO ROS: Real time detection for ROS

https://github.com/leggedrobotics/darknet_ros

Pros:

- Compatible with ROS Melodic

Notes:

- Depends on OpenCV and boost (c++ lib)

Object Recognition Kitchen

https://wg-perception.github.io/object_recognition_core/

Issues:

- Apparently a little outdated but has a lot of online support
- Might not work with ROS Melodic but might if enough work is put into it

find_object_2d

http://wiki.ros.org/find_object_2d

Pros:

- Compatible with ROS Melodic
- Has 3D features with “kinetic-like” sensors, assuming the ZED camera is more than enough for this

Zed_object_detection_sub

<https://www.stereolabs.com/docs/ros/object-detection/>

https://github.com/stereolabs/zed-ros-examples/tree/master/tutorials/zed_obj_det_sub_tutorial

Pros:

- Recommended directly from StereoLabs, who makes our ZED camera