

ROS

1.
 - Ubuntu 16.04 (, ROS) (,)
 - ROS (Ubuntu 16.04 ROS Kinetic)
2.
 - Python, C++, Linux
 - ROS (Beginner level) / Stepik
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3. (a b)
 1. -
 - , (usb_cam), (image_view rqt_image_view) (rosbag rqt_bag) usb- ROS
 - ()
 2. -
 - calibrationdata.zip
 - (bag-) sensor_msgs/Image (cv_bridge Python C++)
4. [How to Calibrate a Stereo Camera.](#) (3.b) 52,86 .
5. , [Choosing Good Stereo Parameters](#)
 - rotating_detergent_1_6.bag
 - (3.) (3.b)
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6. 3-5 . :
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 - , rqt_graph
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 - (3.a)
 - bag- (3.b)
 -
 - RViz

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