

11/2016

Meet Baxter, a New Kind of Industrial Robot- Rodney Brooks

<http://video.mit.edu/watch/meet-baxter-a-new-kind-of-industrial-robot-12638/>

Baxter's User Interface- Manufacturing Baxter

<https://www.youtube.com/watch?v=2jfcAQE8ESg>

Baxter Speeding Around **Dataspeed, Inc.**

<https://youtu.be/ZkeTcBqaPKE>

<https://www.generationrobots.com/en/401955-baxter-mobility-base.html>

BAXTER AMAZON BAXTER COMPETITION AND GRASPING

<https://www.youtube.com/watch?v=ypjmLOtwa0w>

Team PickNik - Amazon Picking Challenge - Milestone 2



Dave Coleman

Team WPI's Qualification for the Amazon Picking Challenge



ARC Lab

<https://www.youtube.com/watch?v=Qlrkx0b0Wso>

Short and Silent

ROBOT SAFETY BAXTER

<http://www.rethinkrobotics.com/safety-compliance/>

OSHA Technical Manual (OTM)

Section IV: Chapter 4

INDUSTRIAL ROBOTS AND ROBOT SYSTEM SAFETY

https://www.osha.gov/dts/osta/otm/otm_iv/otm_iv_4.html

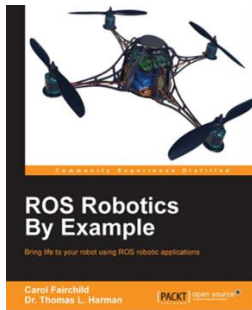
OSHA Safety Standards Table of Contents

https://www.osha.gov/dts/osta/otm/otm_toc.html

ROBOT OPERATING SYSTEM ROS Update and Git 9/22/2016

Chapter 1 ROS Robotics By Example

<https://www.packtpub.com/hardware-and-creative/ros-robotics-example>



ROS WATCH THESE

Tully Foote Published on Aug 26, 2013

Tully Foote describes why they created ROS, new ROS initiatives as well as describes his participation in the DARPA challenges and shows an affordable personal robot - Turtlebot - that uses Microsoft Kinect and utilizes ROS for its basic functions.

<https://www.youtube.com/watch?v=xCiOY9Vplek>

UPDATE FOR ROS

<http://spectrum.ieee.org/automaton/robotics/robotics-software/ros-robot-operating-system-celebrates-8-years>

By Brian Gerkey Posted 9 Dec 2015 | 23:35 GMT

100 Best Robot Operating System Videos

<http://meta-guide.com/videography/100-best-robot-operating-system-videos/>

GIT Git is an open-source version control system that was started by Linus Trovalds – the same person who created Linux.

<http://www.howtogeek.com/180167/htg-explains-what-is-github-and-what-do-geeks-use-it-for/>

<http://git-scm.com/book/en/v1/Getting-Started>

<http://git-scm.com/book/en/v1/Git-Basics>

ROS INDUSTRIAL

ROS-Industrial Consortium Overview 2015

<http://rosindustrial.org/news/2015/3/28/ros-industrial-consortium-overview-2015>

Why industrial robot OEM's should care about ROS ROS-I Consortium



USA

Presentation delivered by Eric Nieves, Technology Director for Yaskawa Motoman Robotics

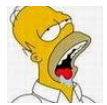
<https://www.youtube.com/watch?v=67HsYAN-VJA>

What ROS-Industrial Can Do Today

Mar 19, 2013 Presentation by Mr. Jeremy Zoss of SwRI at the ROS-Industrial Consortium

<https://www.youtube.com/watch?v=5zO46F1xEzk>

Master Thesis - Robot application based on the ROS (Robot Operating system)



Petr Tomáš

<https://www.youtube.com/watch?v=Ilzz5Qx8m4c>

ROS and Hardware

ROSCon 2012 - Writing Hardware Drivers

WillowGaragevideo's channel [Subscribe](#)[Subscribed](#)[Unsubscribe](#) Published on May 30, 2012

Chad Rockey

<https://www.youtube.com/watch?v=pagC2WXT1x0>

COMPUTER VISION

By Eric Gregori

Senior Software Engineer and Embedded Vision Specialist BDTI OpenCV

<http://www.embedded-vision.com/platinum-members/bdti/embedded-vision-training/videos/pages/introduction-computer-vision-using-opencv>

For More Information:

http://www.embedded-vision.com/introduction-computer-vision-using-opencv?gclid=CMX18_bqmcUCFRCnaQodCC0Aiw

Tutorial: Real-Time Object Tracking Using OpenCV



Kyle Hounslow

<https://www.youtube.com/watch?v=bSeFrPrqZ2A>