

LabVIEW Part 3: Sensors

October 28, 2008

www.robojackets.org



Outline

- Motor control review
- Sensing
- Simple Autonomous
- Possible complex autonomous!
- CRIO + LabVIEW Demo

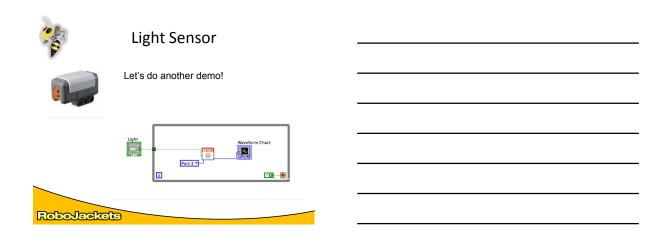


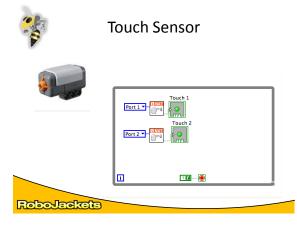


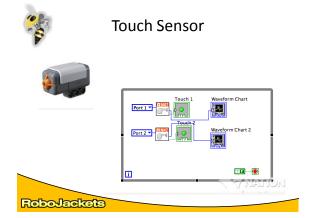
Sensors

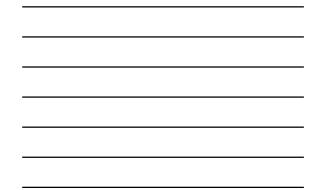
- Light
- Touch
- Ultrasonic (Distance)
- Sound (previously covered)
- Wheel Position (encoding)

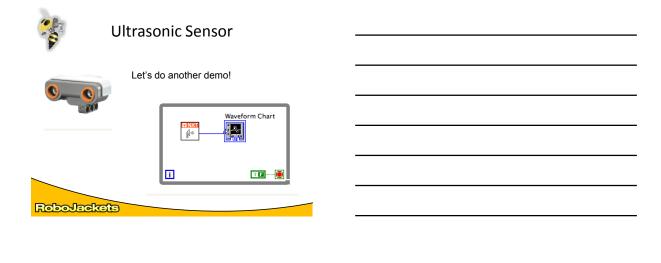


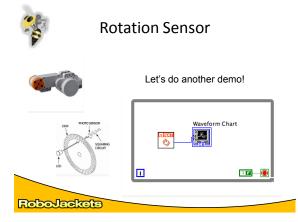


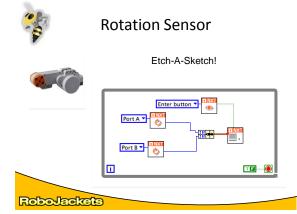


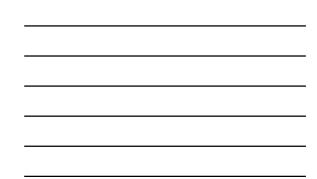


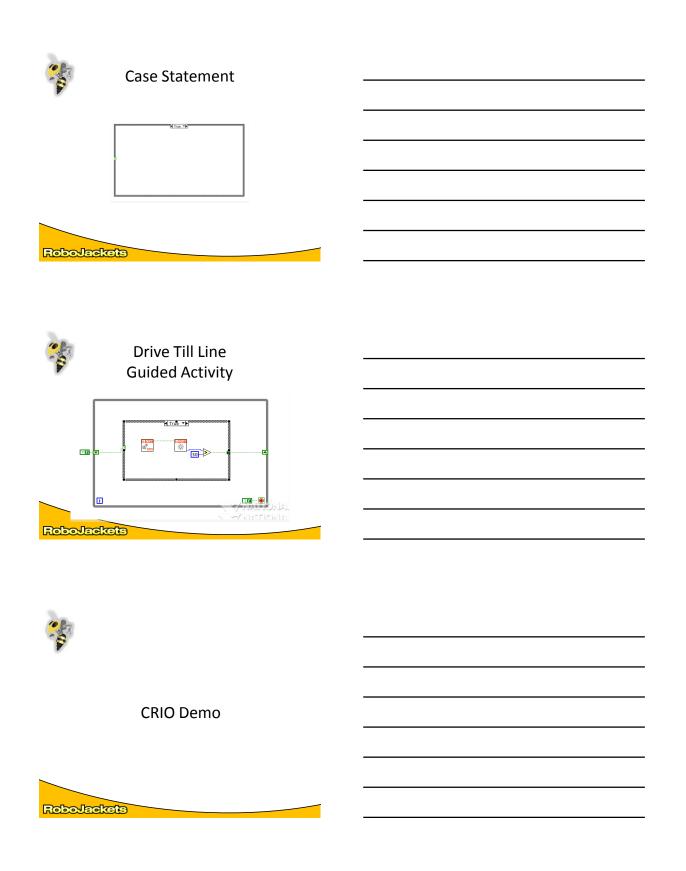














Legal

These slides and more are available at

http://www.robojackets.org

All media included is either in the public domain, generated by the author/s or covered by Fair Use of Copyrighted Material for Educational Purposes Title 17 Chapter 1 107 (which is reproduced in the next slide).

For more information contact the RoboJackets. (contact info available via the web)





Legal

Title 17 Chapter 1 107. Limitations on exclusive rights: Fair use

Notwithstanding the provisions of sections 106 and 106A, the fair use of a copyrighted work, including such use by reproduction in copies or phonorecords or by any other means specified by that section, for purposes such as critician, comment, news reporting, teaching (including multiple copies for classroom use), schidarsitip, or research, is not an intringement of copyright. In determining whether the use made of a work in any particular case is a fair use the factors to be considered abili Include—

- the purpose and character of the use, including whether such use is of a commercial nature or is for nonprofit educational purposes; the nature of the conjugited work; the amount and substantially of the portion used in relation to the cost of the effect of the use upon the potential market for or value of the copyrighted work. (1)
- (2) (3)
- (4)

The fact that a work is unpublished shall not itself bar a finding of fair use if such finding is made upon consideration of all the above factors.

