



Programming Arduino Next Steps: Going Further With Sketches, Second Edition

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Go beyond the basics with this up to date Arduino programming resource

Take your Arduino programming skills to the next level using the hands-on information contained in this thoroughly revised, easy to follow TAB guide. Aimed at programmers and hobbyists who have mastered the fundamentals, *Programming Arduino Next Steps: Going Further with Sketches, Second Edition* reveals professional programming tips and tricks. This up-to-date edition covers the Internet of Things (IoT) and features new chapters on interfacing your Arduino with other microcontrollers. You will get dozens of illustrated examples and downloadable code examples that clearly demonstrate each powerful technique.

Discover how to:

- Configure your Arduino IDE and develop your own sketches
- Boost performance and speed by writing time-efficient sketches
- Optimize power consumption and memory usage
- Interface with different types of serial busses, including I2C, 1-Wire, SPI, and TTL Serial
- Use Arduino with USB and UART
- Incorporate Ethernet, Bluetooth, and DSP
- Program Arduino for the Internet
- Manage your sketches using One Process
- Accomplish more than one task at a time?without multi-threading
- Create your own code library and share it with other hobbyists

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