Getting Started with the Internet of Things: Connecting Sensors and Microcontrollers to the Cloud (Paperback)

By Cuno Pfister

O Reilly Media, Inc, USA, United States, 2011. Paperback. Condition: New. Language: English . Brand New Book. The Internet of Things is the new generation of devices that serve as the Internet s interface to the physical world. Today s tiny microcontrollers, sensors, and actuators are powerful, inexpensive, and simple enough to code that anyone with basic programming skills can create a variety of fun, useful, and even profitable systems -- such as devices that detect and extinguish fires or automatically water plants when the soil becomes too dry. This hands-on introductory guide will quickly show you how it s done. You ll learn how to program embedded devices using the Micro Framework and the Netduino Plus board, and then connect these devices to the Internet using Pachube, a cloud platform for sharing real-time sensor data.Getting Started with the Internet of Things briefly introduces the tools and then walks you though several techniques for using them, using a series of C# examples: * Develop programs that demonstrate the use of simple outputs (actuators) and inputs (sensors) * Build client programs that show how measurements can be pushed to an existing Web service * Create server programs that provide Web services...

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Reviews

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