

A survey on facilities for experimental internet of things research

February 2012 [IEEE Communications Magazine](#)

The proliferation of an enlarged gamut of devices able to be directly connected to the Internet is leading to a new ubiquitous-computing paradigm. Indeed, the Internet has experienced a tremendous growth in the past three decades, evolving from a network of a few hundred hosts to a platform capable linking billions of ?things? globally, including individual people as well as enterprises of various sizes, through computers and computerized devices of any conceivable size and capability and the applications running on them. The growth of the Internet shows no signs of slowing down and it steadily becomes the fabric of a new pervasive paradigm in computing and communications. This new paradigm enhances the traditional Internet into a smart Internet of Things (IoT) created around intelligent interconnections of diverse objects in the physical world, such as vehicles, smartphones, habitats, and habitat occupants. The IoT aims at closing the gap between objects in the material world and their representation in information systems. The IEEE Communications Magazine recently had a series of articles discussing this emerging topic.

Title and author(s) of the original paper in IEEE Xplore:

Title: A survey on facilities for experimental internet of things research

Author: Alexander Gluhak, Srdjan Krco, Michele Nati, Dennis Pfisterer, Nathalie Mitton and Tahiry Razafindralambo

This paper appears in: IEEE Communications Magazine

Issue Date: November 2011

[Back](#) [IEEE Xplore](#) [Version](#) [Similar Articles](#)

Source URL: <http://www.comsoc.org/ctn/survey-facilities-experimental-internet-things-research>