

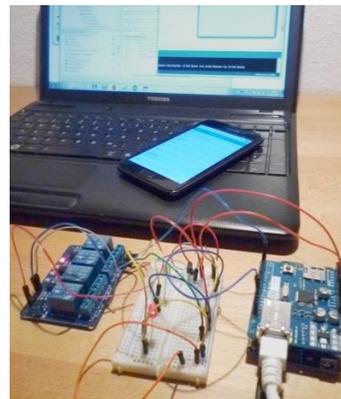
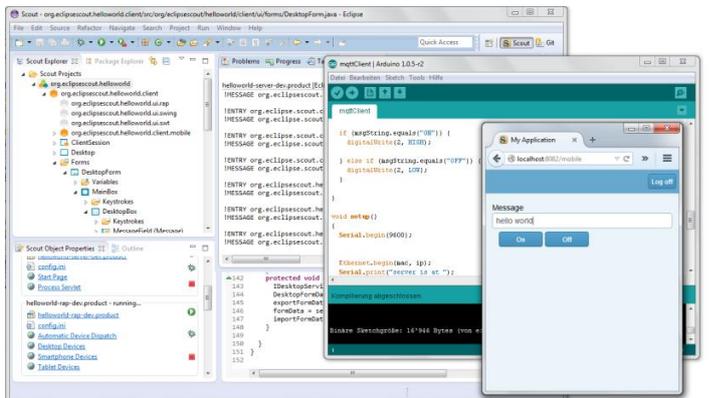
Build your IoT project from A to Z

According to Gartner, there will be nearly 26 billion devices connected to the Internet by 2020. Think of the possibilities: Home automation, smart cities, industrial control or completely different use cases all related to devices connected to the Internet. This megatrend is called «Internet of Things» (IoT) and defines the interconnection of uniquely identifiable embedded computer-like devices through the Internet.

And as presenting partner of the largest Swiss hackathon BSI Business Systems Integration AG encourages you to not only read and talk about trends but actually get your hands dirty. www.bsiag.com/HackZurich

Start your open source IoT project

Let us show you the necessary essentials to implement IoT projects. We will help you start programming mobile apps that communicate with embedded devices connected to the Internet. For this, we introduce an IoT platform that is completely based on open source hardware and software: An Arduino board and the Eclipse Scout framework. This allows you to build a mobile application to switch a relay to high power devices such as lights, motors, doors and so on. And at the same time, sensory input from the Arduino board is displayed in the mobile application.



It will only take one to two hours to get you set up and introduce you to the necessary basics of the hardware and software. Then, it is your turn to discuss ideas in your team and to implement the cool stuff!

This is the kit that we offer you to work with:

- Arduino boards, with Ethernet shields and some additional hardware www.arduino.cc
- Arduino development environment
- Arduino MQTT client example
- Hive MQTT broker www.hivemq.com
- Eclipse Scout development environment wiki.eclipse.org/Scout
- Eclipse Scout example application that includes
 - Scout server that acts as a MQTT client
 - Scout web client that runs in desktop and mobile browsers

We have a limited amount of starter kits with us: first come, first serve applies.

Need help, assistance or just someone to drink a coffee with? Just talk to us. We don't bite! ☺