Open the Box hands-on tutorials

- 1st tutorial: Realize a first application enumerating available devices (ZB, EO, Hue) and deploy it on a box (Raspberry Pi) – Cyrille Bareau
  - Big picture with [http://openthebox.org/atelierindex/](http://openthebox.org/atelierindex/) sections 1,5
  - Installation - [http://openthebox.org/installation/](http://openthebox.org/installation/) section 1
  - Application template - [http://openthebox.org/template/](http://openthebox.org/template/)

- 2nd tutorial: Control and monitor real ZigBee devices thanks to base driver abstraction – Gregory Bonnardel
Architecture big picture

« Home Side »
- Other devices in the Home LAN
- Shared sensors and actuators
- Dashboard

« Cloud Side »
- Remote Access
- Application Store (App'Store)
- Smart Home Management Platform
- Business service platforms
- Smart Home embedded environment
  - Home Automation Box on an Over The Top Box or a Home Gateway
Open The Box software stack

- Application
- Application
- Application
- Application
- Application
- Application
- TR-69 Remote Management
- Application Management
- ZigBee Base Driver
- EnOcean Base Driver
- SimpleBee Base Driver
- USB Base Driver
- Philips Hue Base Driver

- OSGi environment, Smart Home Operator APIs
- Linux OS, serial drivers