



Learn how to design Custom Devices creating new **conversations** in your Home, using Arduino, Raspberry Pi ,Home Assistant and several other open source tools to adapt to your need.

This setup is already being tested in **#CasaJasmina**, and will give you the ideal know-now on how to develop an interactive object based in a home scenario.

#### DESCRIPTION:

What if all the devices in your house could connect to the Internet? And what if those devices could all communicate, send you information, and take your commands? It's not science fiction; it's the Internet of Things (IoT), and it's a key component of home automation and smart homes.

Within a 2 hours workshop you will be able introduced to the home automation using a Arduino/Raspberry Pi combo based on Home Assistant, an open source tool to manage IoT devices.

You will also be given a spread knowledge of the state of the art of Home Automation and DIY technologies.

#### LEVEL

- Entry
- Familiarity with basic Arduino and Raspberry Pi programming is suggested but not requested

#### BRING

- Laptop

#### WE GIVE YOU

- Wemos D1 / MKR1000
- Wemos DHT Module and Relay Module

#### DURATION

120 Minutes