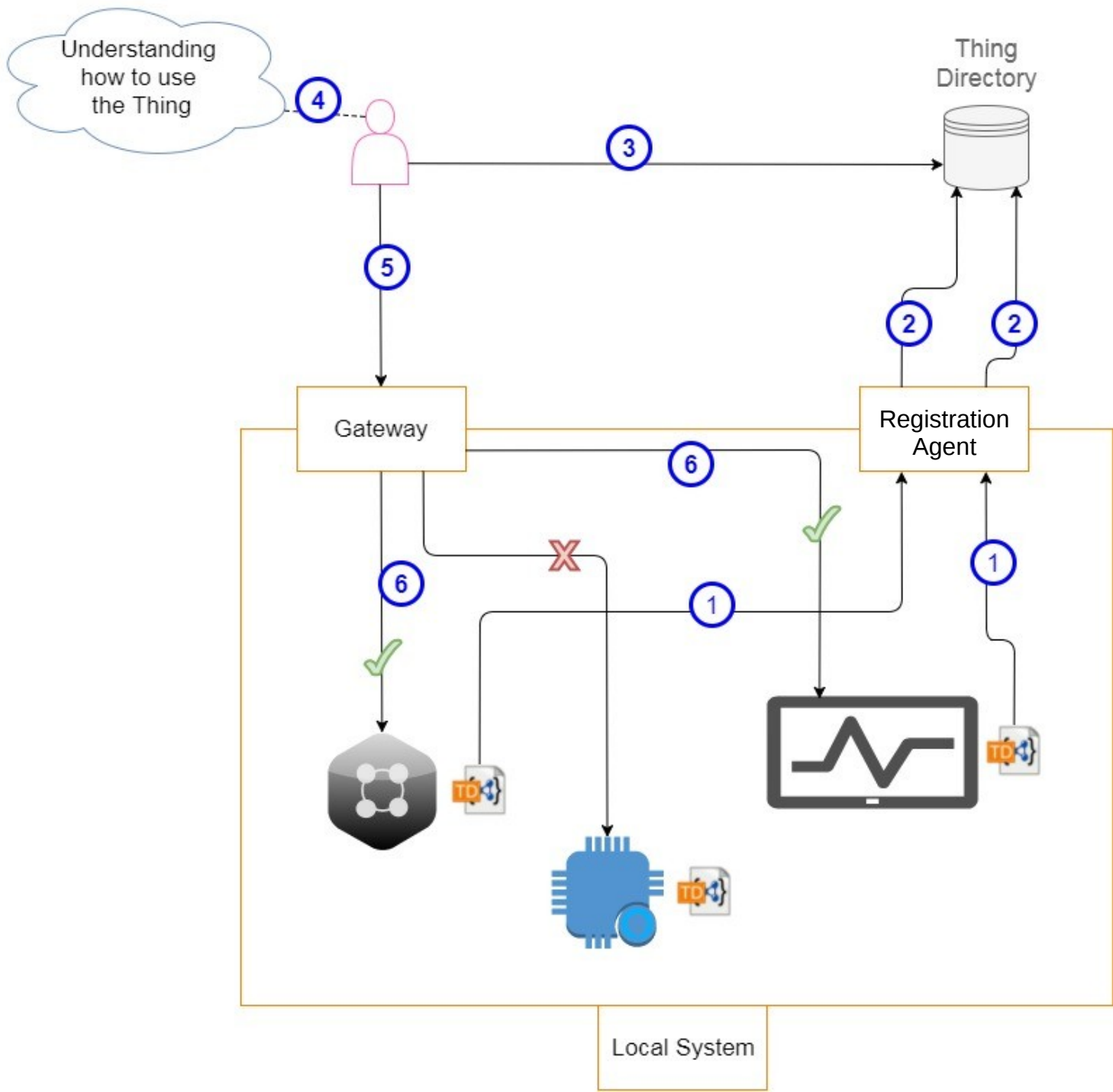


# Become Public with Registration Agent !

**<https://github.com/egekorkan/RegistrationAgent>**

# What is it?

- A virtual Thing that can make your local TD available to public in a directory.
- This new TD will have modified URIs that incorporate a gateway address.
- After finding the TD in the directory, you can communicate with a local Thing through a gateway.



# Use Scenario


- Gateway Address: e.g. 8.8.8.8
- Public Directory Address: e.g. <http://myrepo.com>
- Things have URIs like:
  - <http://localhost:9000/MyTemperatureThing>
  - <http://localhost:9000/MyTemperatureThing/actions/increaseTemp>
  - <http://localhost:9000/MyTemperatureThing/properties/temperature>
- In the directory they will be:
  - <http://8.8.8.8/MyTemperatureThing>
  - <http://8.8.8.8/MyTemperatureThing/actions/increaseTemp>
  - <http://8.8.8.8/MyTemperatureThing/properties/temperature>

# How to Talk with the Registration Agent

- Details given in:
  - [Readme of the GitHub repository](#)
  - [Thing Description of the Proxy Servient](#)

# How to Use the Registration Agent

- Set the `directoryAddress` property
- Set the `gatewayAddress` property
- From a Thing:
  - Invoke `makeMePublic` action with the TD
    - The TD will be modified to a public version and put in public directory
  - Invoke `updateMe` action with the TD and the id returned from the `makeMePublic` action
  - Invoke `deleteMe` action with the id returned from the `makeMePublic`



You can specify the time you want to be public

# Further Questions

Please contact Sebastian Käbisch from Siemens or send me an email at [egekorkan@gmail.com](mailto:egekorkan@gmail.com)