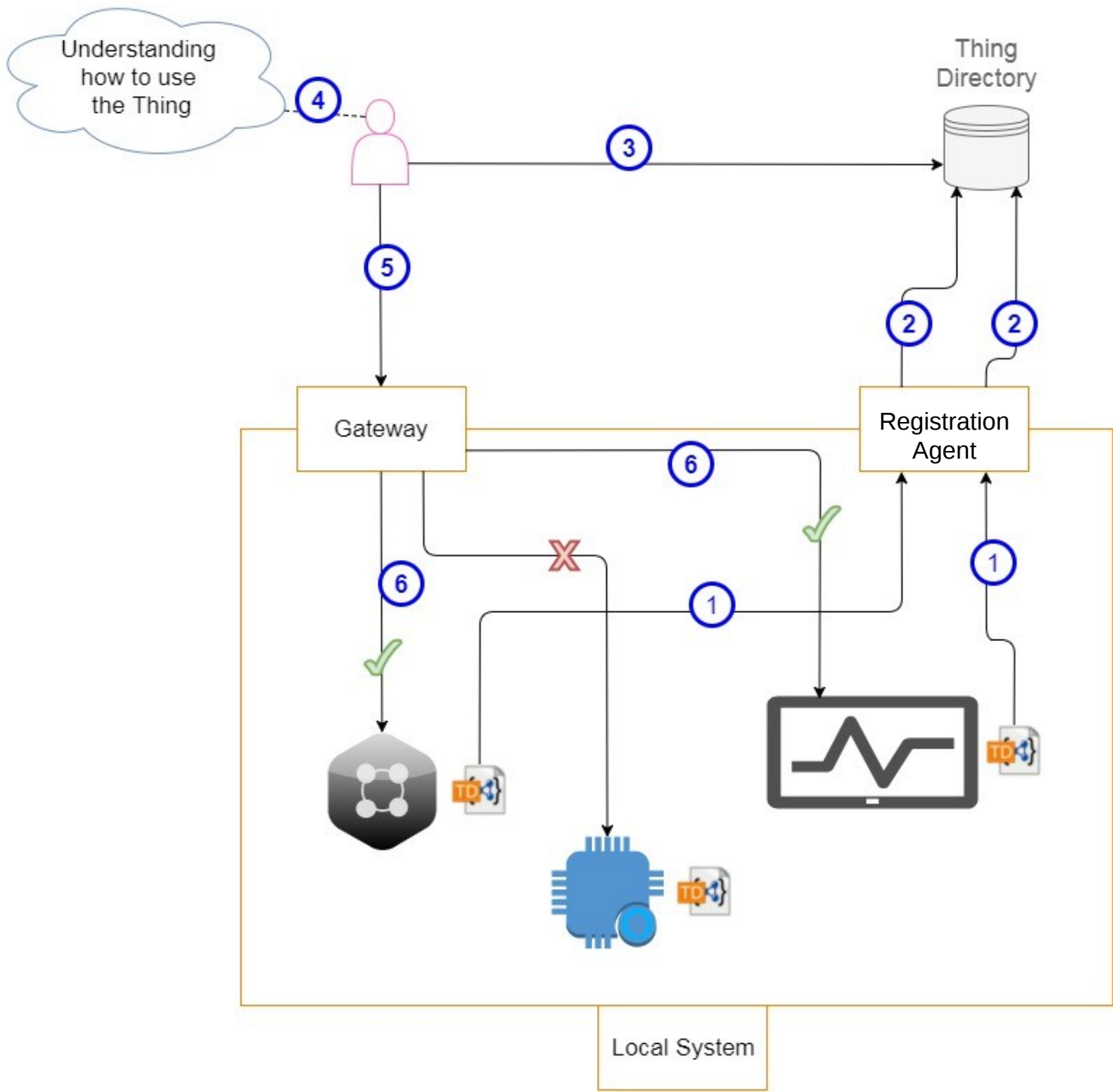


Become Public with Registration Agent !

<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 Registration Agent

How to Use the Registration Agent (Without Management)

- 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