



CISTER - Research Center in Real-Time & Embedded Computing Systems

Week 2 - Assignment

CISTER Summer Internship 2017

Assignment

- 1- Install one of the following OS in TelosB WSN nodes.
 - RiotOS/OpenWSN/TinyOS
- 2- Create a simple application that implements the OpenWSN stack (TSCH + 6TiSCH stack) to communicate with other nodes.
- 3- Install Arrowhead framework somewhere in your network.
- 4- Add to your application in (2) the capability to provide data to other apps via Arrowhead services.
- 5- Create an Arrowhead application that accesses the data from (4).



Assignment Notes

- Each group is composed of 2 students
- On Friday 01/09/2017, a public presentation must be made for all elements in the lab
- It is expected that the students present the thought process and reasoning that was followed to solve the assignment problems
- The presentation must take at most 20 mins.
- Presentation time must be evenly divided for each element of the group
- Discussion is expected, so the students must be prepared

