Project Sheet #4

Project 4.1: firefly synchronization

In this assignment, you are expected to implement a firefly synchronization algorithm following the ideas presented in [1] on the Telos B and Micaz motes.

The ultimate goal is to achieve synchronization between all the solutions implemented by different students; this may require some coordination among all students and you are encouraged to use the course mailing list to work out any necessary details to achieve synchronization.

We will do the final evaluation / demonstration using a blinking xmas tree installation. You may earn extra points if your implementation is particularly energy efficient. You may want to read about low power listening in the TinyOS tutorial; additional background information on low power MACs can be found in [2] and [3].

References

