

Moving Object Observer

Important:

Turn on JCL cluster before start this example.

This application is a simple IoT application that simulates the observation of an object. The object must stay in a certain area. If the object leaves that area, an email is sent to notificate the user. [This link](#) contains a video showing this application.

The application was developed using 1 Galileo Gen 2, 1 Raspberry Pi 2, 1 Arduino MEGA and 2 Android Smartphones. The application configures some sensors on each device. The GPS sensor is configured in one of the smartphones, where it simulates the object that must stay in an area. The camera is configured on the other smartphone and it takes a picture to attach to the e-mail when the object moves out of the area. To run this application exactly as it was developed, it's necessary to attach the same sensors on the same pins in each device and configure the same nicknames on the devices. See the IoTDemo.java file to see the configuration of each device.