



Localisation in Homes

motivation

The knowledge of the location of a device is helpful or even necessary in order to control and manage them. In a master thesis an architecture for a home location register was specified.

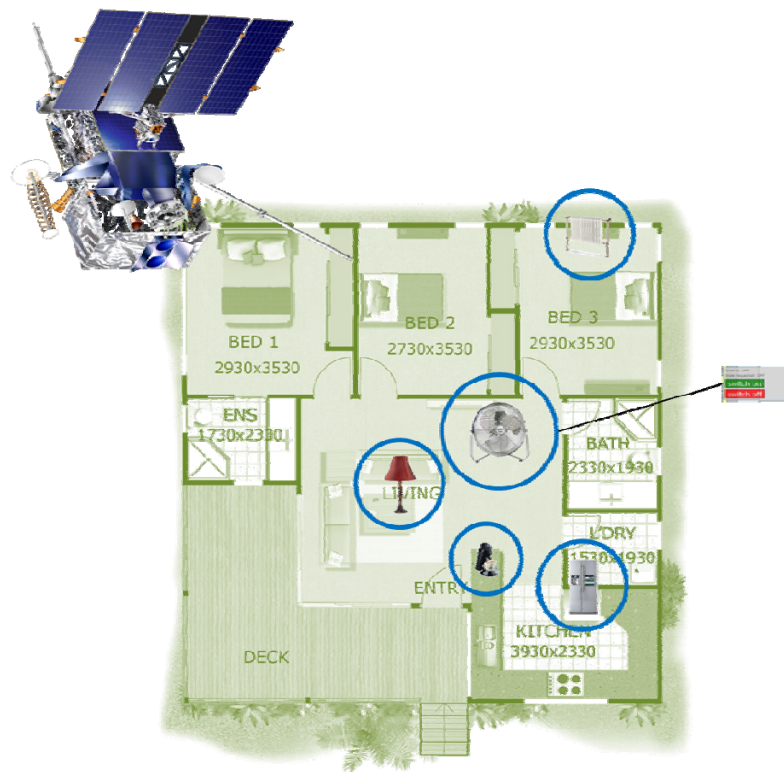
outline

In this work the architecture for the home location register should be evaluated and improved. Then the register service should be implemented on top of the existing knowledge-based middleware.

Additionally techniques for indoor positioning should be researched and practically implemented. There is at least one bachelor thesis working on Bluetooth POI-localisation.

Possible location technologies are:

- Bluetooth
- WLAN
- ZigBee
- UltraSonic



requirements

Java, joy in working in a team and upraising new creative ideas

keywords

Indoor Localisation, Autonomous Control and Management, Home Networking, Java, Knowledge Plane

