

Lesson 15

IoT Projects Application software development using Eclipse IoT stack Frameworks

Eclipse IoT stack

- includes Application layer Software (Applications and Services) for OM2M, smart home and SCDA projects
- Eclipse implementations and frameworks included in at the Eclipse IoT stack for Application layer software.

Eclipse SmartHome

- A set of implementations for projects for the Smart Homes using wireless and wired protocols, and network protocols

Eclipse OM2M

- An open source implementation of SmartM2M and oneM2M standard
- Enables developing services on a horizontal M2M service platform
- Implementation independent of the underlying network
- Facilitates the deployment of vertical applications and heterogeneous devices.

Eclipse SCADA

- A set of SCADA (Supervisory Control and Data Acquisition) functions for usages, for example, in factory automation, industrial processes buildings and health systems

Summary

We learnt

- Application layer implementations for smart home
- M2M use the Eclipse OM2M for software development
- SCADA projects

Summary

We learnt

- IoT Projects Application software development
- Eclipse SmartHome
- Eclipse SCADA
- Eclipse OM2M.

End of Lesson 9 on
IoT Projects Application software development
using Eclipse IoT stack Frameworks