FIWARE-EPCIS MEDIATION GATEWAY DEVELOPER GUIDE

Developer Guide

Abstract

This document includes how to use FIWARE-EPCIS mediation gateway. This document doesn't include how to use EPCIS and FIWARE in detail. It assumes the user is familiar with each of them fairly.

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Server Installed:

Wise-IoT-Server: 143.248.57.28

Installation

Use the following page to install FIWARE

https://github.com/telefonicaid/fiware-orion/blob/master/doc/manuals/admin/yum.md

Servers to be prepared

- Fiware server
- EPCIS server
- Mediation gateway server

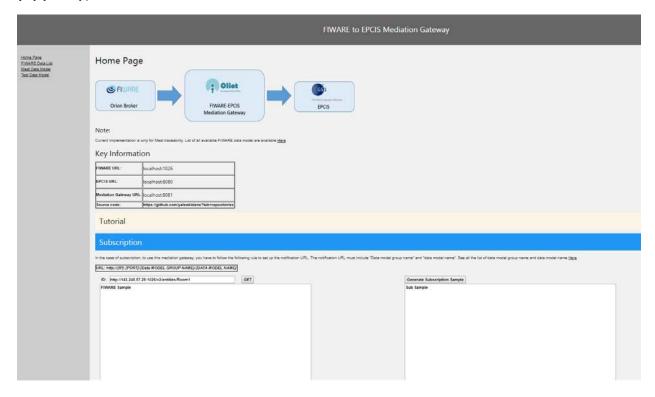
How to run the mediation gateway

java -jar <path/to/my/jar> --server.port=8080

Enter Fiware :		
Enter:		

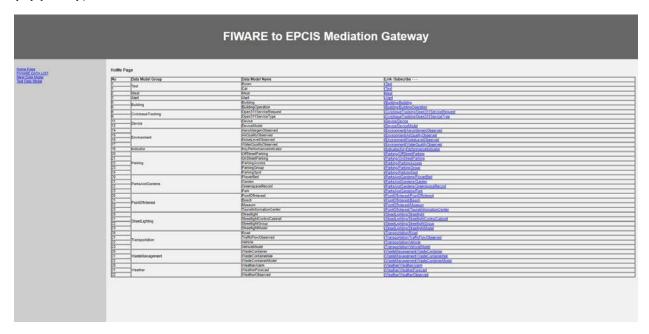
Main page

{IP}:{PORT} /home



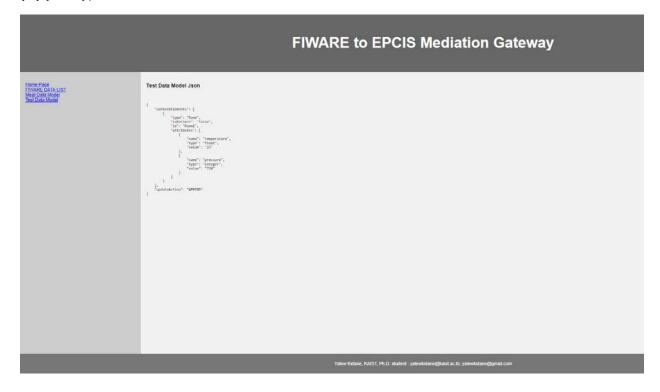
Fiware Data List

{IP}:{PORT} /FiwareDataModel



Test Data List

{IP}:{PORT} /test



MongoDB operation

//To start mongodb in terminal

\$mongo

To switch to orion data base

\$use orion

//To see all list of collections → csubs entities

\$show collections

//To see all the subscriptions

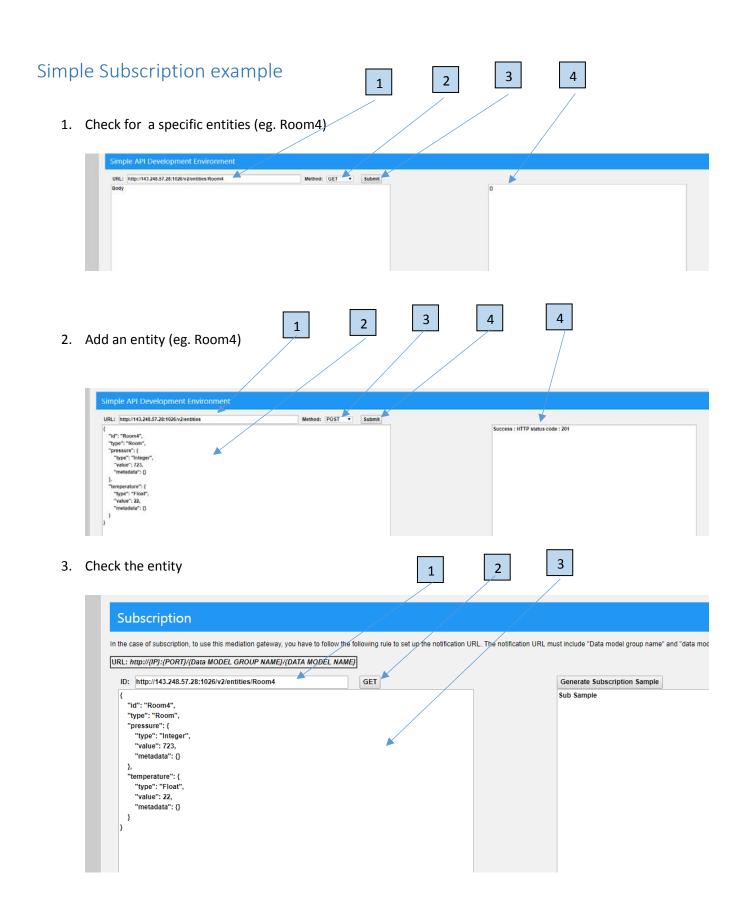
db.csubs.find()

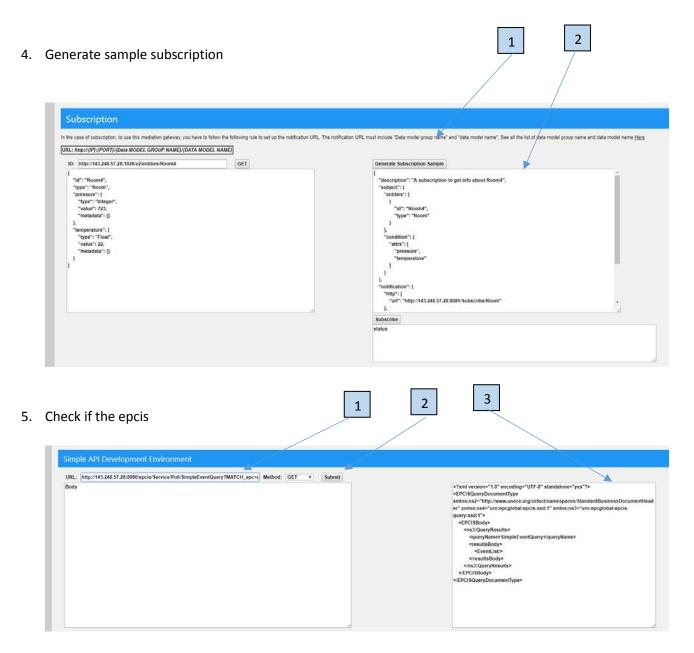
//TO see all the list of entities

\$ db. entities.find()

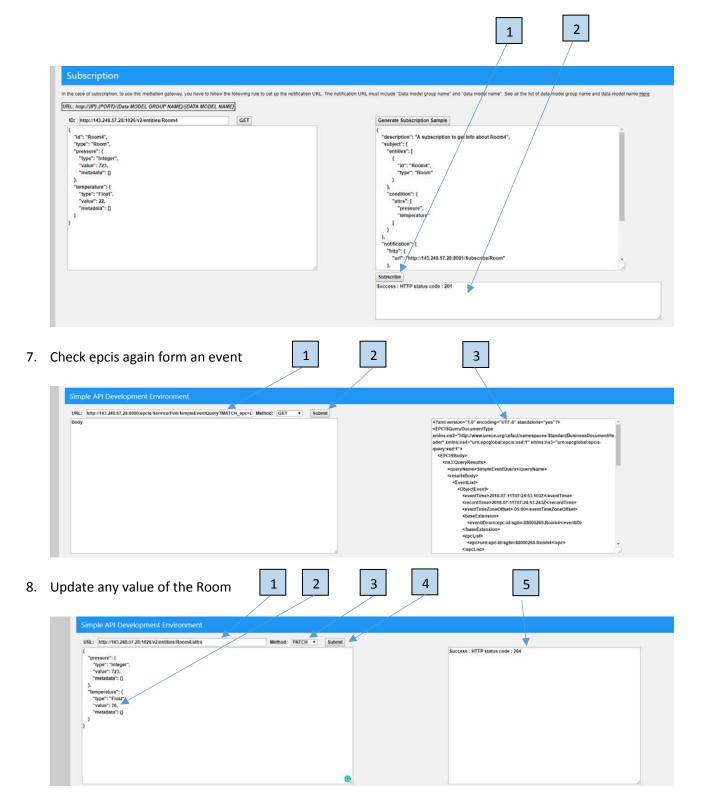
//To delete all subscriptions

\$db.csubs.deleteMany({})





6. Subscribe



9. Check epcis if there is two Room4 object

