

"SMART CITIES ARE OF STRATEGIC INTEREST FOR ALL OF US"

FIWARE for Smart Cities




Smart Cities Lab

„We addressing the specific challenges of metropolitan cities and communities (consisting of government, citizen, universities and corporates) and providing well defined solutions to relieve from the pains of various stakeholders.

Smart City Lab India is committed to open source in general, specifically to FIWARE and OpenStack as technology agnostic platform and API's"

Olaf-Gerd Gemein
Business Architect
Co-Founder of Smart Cities Lab India

FIWARE C2C Workshop IIIT, D&M, Jabalpur



FIWARE C2C Workshop
Indian Institute of Information Technology
Saturday, 26 November 2016 9am

Cluster 2 Cluster Workshop on FIWARE technology to understand generic enablers and how to use it in Smart Cities applications.

www.fiware.in



Handling Authorisation & Access control to APIs Understanding Keyrock Generic Enabler

FIWARE brings a powerful framework that will allow you to setup Authorisation and Access Control policies based on widely adopted Security Standards (OAuth, XACML).

09:30 - 10:30



Development of Context-Aware Applications using FIWARE

Orion Context Broker allows you to model, manage gather context information at large scale enabling context-aware application.

10:30 - 12:30



Connection to the Internet of Things

IDAS IoT Agents allow your application to easily gather context information form sensors or actuate upon physical objects.

13:30 - 14:30



Real time processing of Media Streams

Kurento allows you to process, in real-time, multimedia information so that you can incorporate into your application extended sensing capabilities based on cameras or microphones (detecting faces, crowds, plates,...)

14:30 - 16:30



Practice all explained Generic Enablers

Try to develop any small application by using the explained Generic Enablers.

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|  Identity Management - KeyRock Identity Management: Generic Enabler - KeyRock |  Publish/Subscribe Context Brokers - Orion Context Orion Context Broker is an implementation of NGSI9 and NGSI10 with persistence storage based in MongoDB |  Backend Device Management - IDAS Backend Device Management - IDAS (IoT Agents) |  Stream-oriented - Kurento Powerful software stack devised to simplify the creation of complex interactive multimedia applications by exposing a rich family of APIs on top of |
|  FIWARE Core Security |  FIWARE Core Data/Context Management |  FIWARE Core Internet of Things Services Enablers |  FIWARE Core Data/Context Management |



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