

The FIWARE Open Source Community

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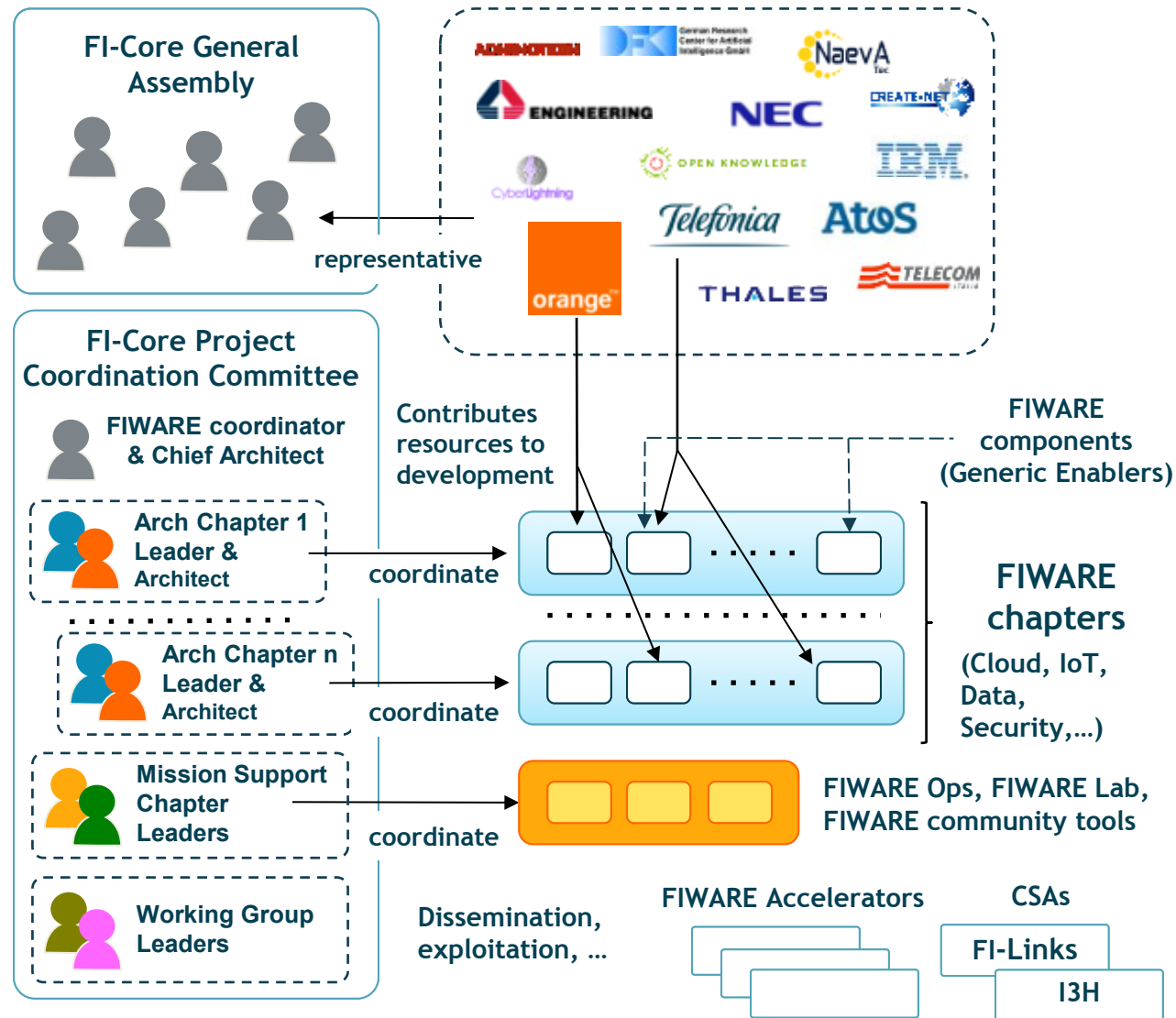
<http://www.fiware.org>

<http://lab.fiware.org>

Follow @FIWARE on Twitter

From a project with limited duration and carried out by a partners ...

- General Assembly made up of representatives of project partners (closed club):
 - Approves changes to contract
 - Approves incorporation of new partners
- Project Secretariat activities carried out by Telefónica I+D
- Project Coordination Committee deals with overall coordination
- Coordinator and Chief Architect is Telefónica I+D as per contract
- FIWARE Lab coordinator is Engineering as per contract
- Leader and Architect of FIWARE Chapters and FIWARE Ops are also established in the contract although they can be impeached by the General Assembly
- FIWARE technologies only contributed by project partners
- FIWARE Working Groups to cover activities like dissemination
- Liaison with other projects and programmes (FIWARE mundus, acceleration, ...)



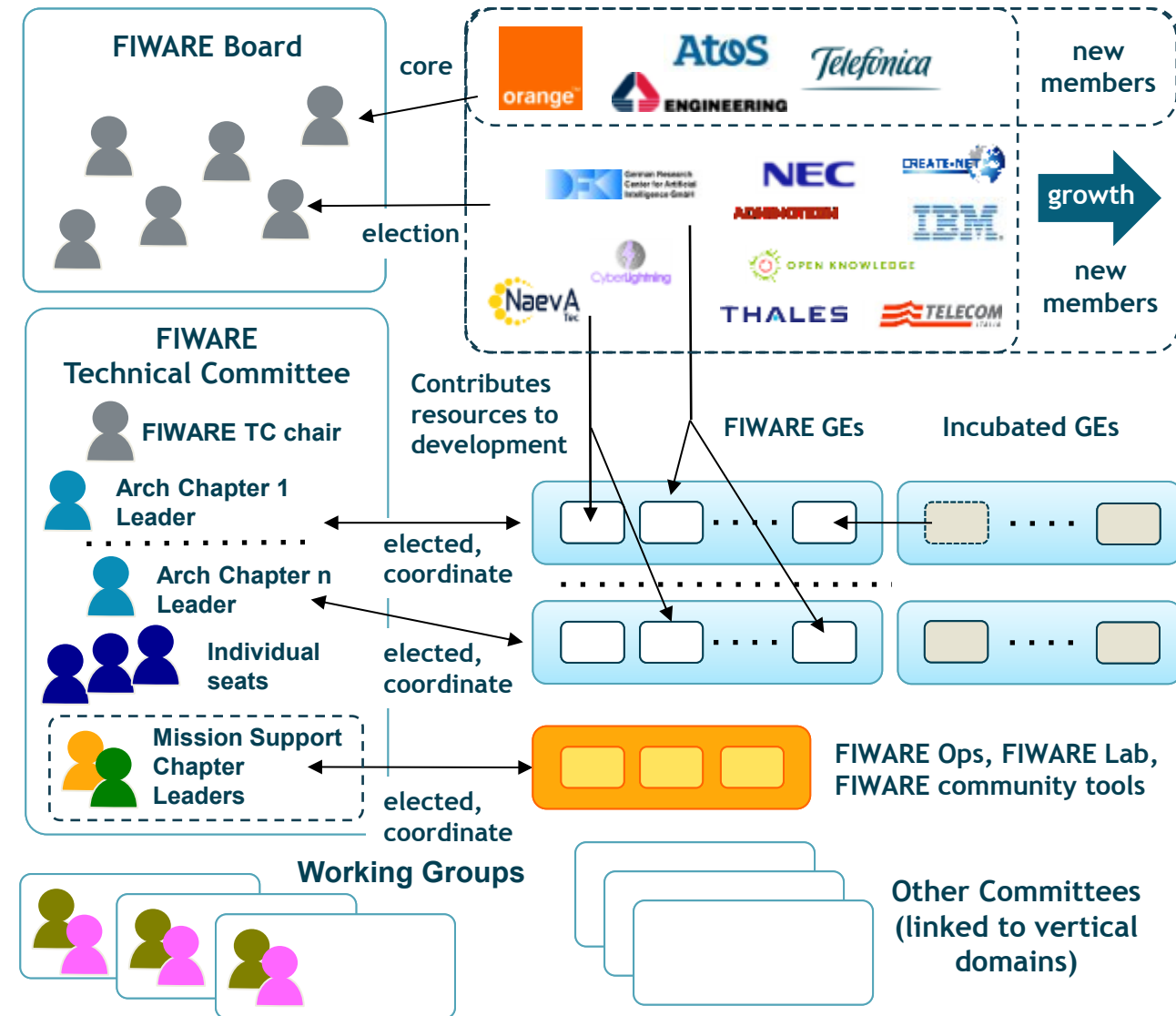
Principles which have guided our approach

- **Do not reinvent the wheel:** follow models and best practices from successful OSS communities (concretely, OpenStack)
- **Openness:** able to engage those who have something to contribute (following procedures)
- **Vision** is that active contributors are those committed to transfer results to the market => **Industry driven approach**
- **Based on meritocracy:** only active technology contributors would be able to govern the direction of the technology
- **Transparency:** well-defined, documented and publicly available procedures



... to an open source community that is designed to last and be open to anyone who wish to actively contribute

- Board made up of member representatives (core members + elected members):
 - Approves changes to governance model
 - Oversees activities of Working Groups
 - Elects Officer of Foundation
- Foundation (future):
 - Secretariat and other support
 - Owens FIWARE brand
 - FIWARE Lab operation support?
- Technical Chapters:
 - Architecture Chapters
 - Mission Support chapters
- TC deals with overall technical coordination
 - Made up of Chapter Leaders, plus additional seats
 - Active Chapter Contributors elect corresponding Chapter Leaders and additional seats
 - chair elected among members
- New FIWARE technologies can be proposed for incubation and later be part of the FIWARE Core, once they gain traction and subject to approval of Technical Committee



FIWARE Open Source Community membership

■ Individual member:

- Contributes to FIWARE in a variety of ways



■ Regular member (corporate/organizations):

- Strategy aligned with FIWARE Mission
- Provide resources for ongoing activities (e.g. developers)
- Fees based on organization size / nature
- Elect representatives to the Board of Directors

■ Core member (corporate/organizations):

- Corporate strategy aligned with FIWARE Mission
- Appoints a member to the Board of Directors
- Provides substantial funding, in kind and in resources (e.g., developers, legal resources, marketing)

■ Ethic, all to

- Adhere to a community code of conduct
- Wear the FIWARE hat and always act with integrity



Growing the community perimeter

■ At FIWARE Level:

- Driven by Active Chapter Contributors through the Technical Committee
- Open, transparent process
- Incubated GEs: new GEs proposed (third parties and internal)
- Incubated GEs and compliant GEs will be visible in the FIWARE Catalogue



■ At the level of specific vertical Domains:

- Creation of dedicated Domain Committees
- Rely on existing organizations (not necessarily incubated within the PPP) to run Domain Committees, that way getting them engaged

■ Give also visibility to App providers



Governance Bodies for a strategic vision

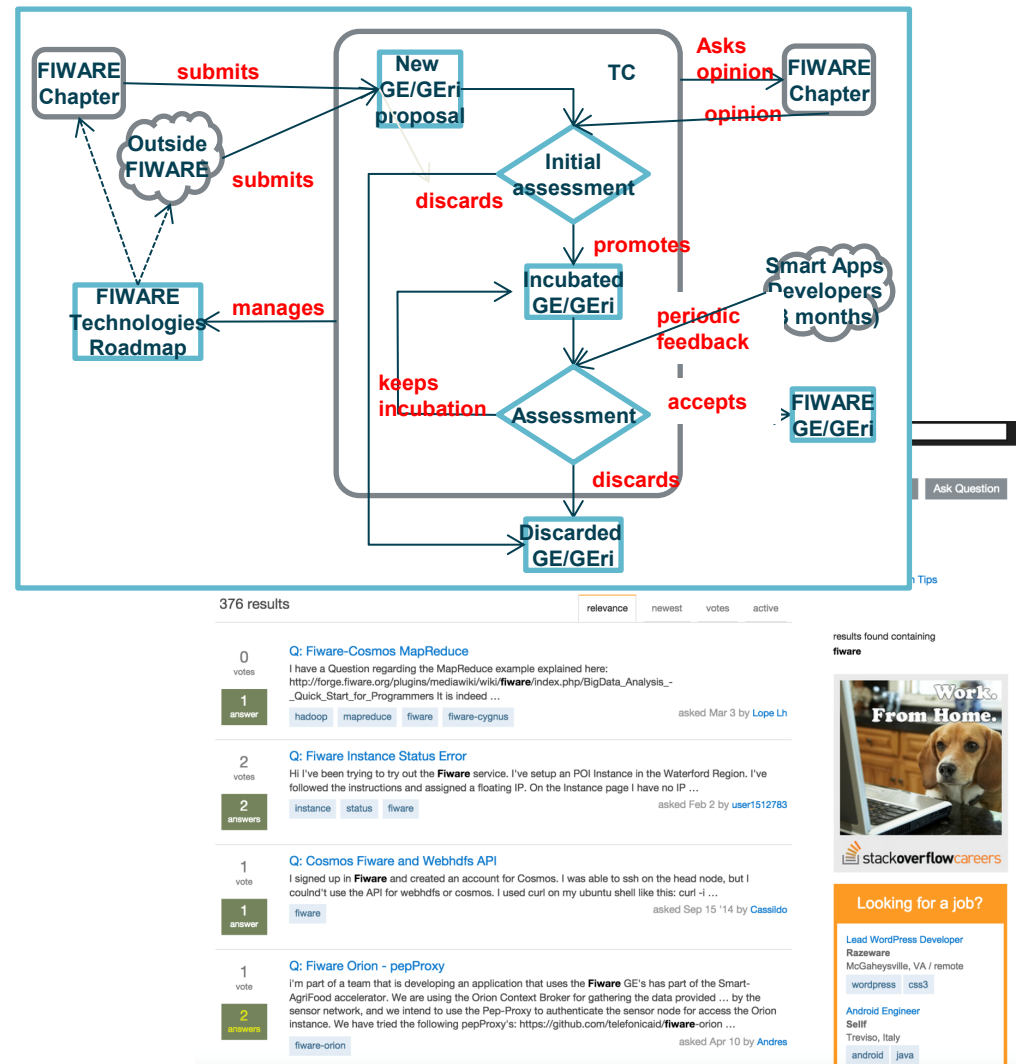
- Board of Directors:
 - Keeps the FIWARE Mission
 - Steers activities and Working Groups
 - Manages Budget/Resources Definition and oversees their consumption
 - 50% Regular Members, 50% Core Members

- FIWARE Technical Committee (TC):
 - Technical leadership for the OS Community
 - TC Chairman elected for 1 year among TC members
 - Chapter leaders are also elected regularly
 - Members: Chapter Leaders + 1/3 seats

- Domain Technical Committee (DC - one per domain):
 - Technical leadership for Domain Specific Enablers
 - Responsible of consistency of domain reference architecture with FIWARE Vision
 - Members: Active Contributors in the Domain Specific Area
 - Seats to be defined

Community Tools and Processes

- FIWARE Catalogue tool
- Q/A platform tool
- FIWARE community membership management overall process
- GE life cycle management process
- FIWARE Funding process



<https://docs.google.com/document/d/1nFJLMNtkHA3NNS1EoBTUPkiB62gAIM8ZNcyOvZCFZrU/edit?usp=sharing>



Thanks!

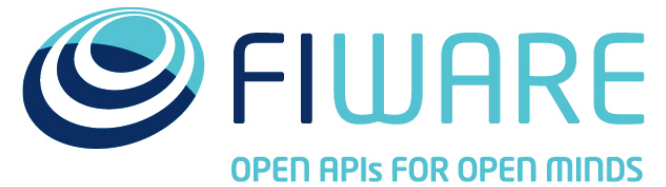
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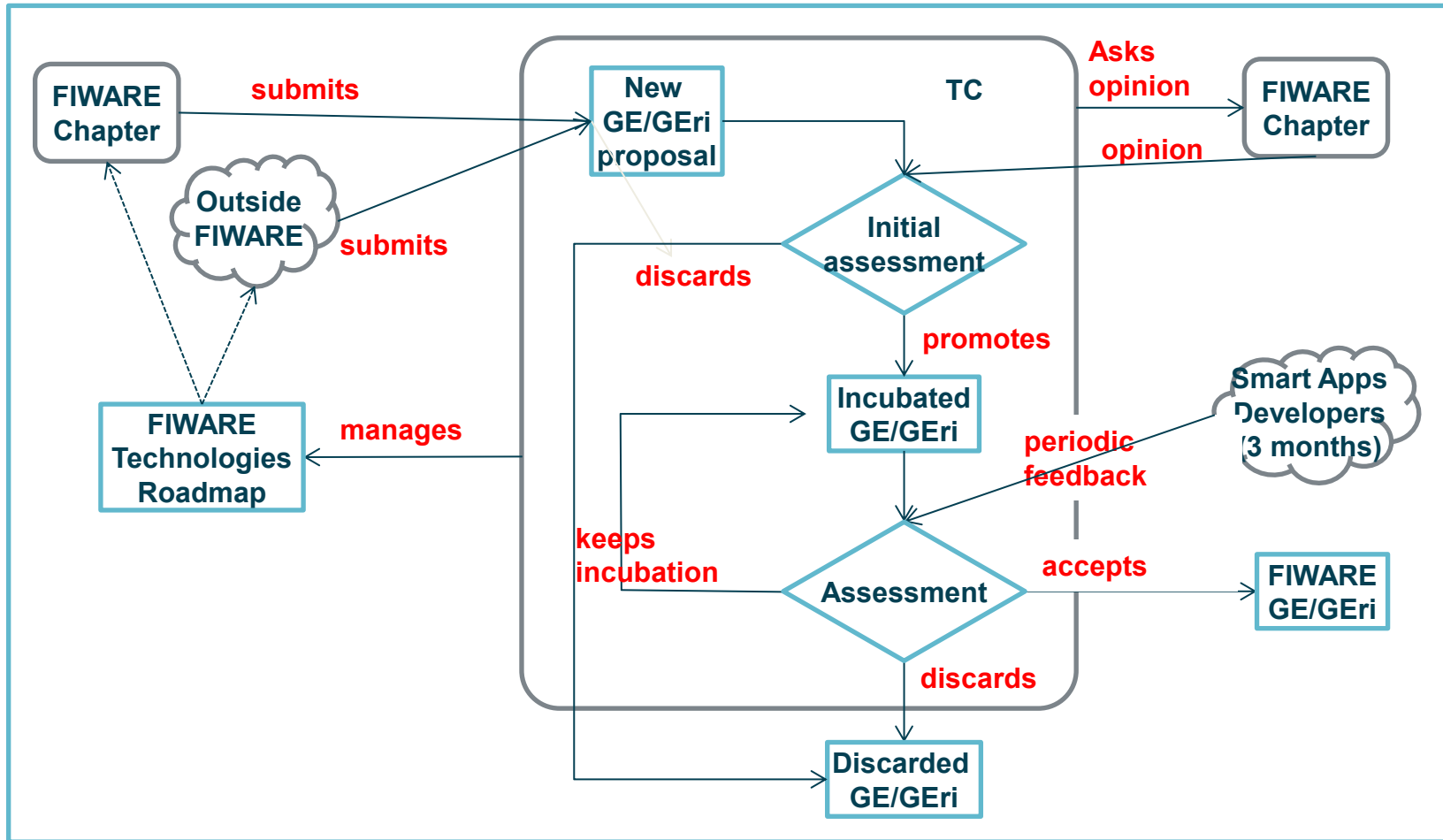
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Annexes



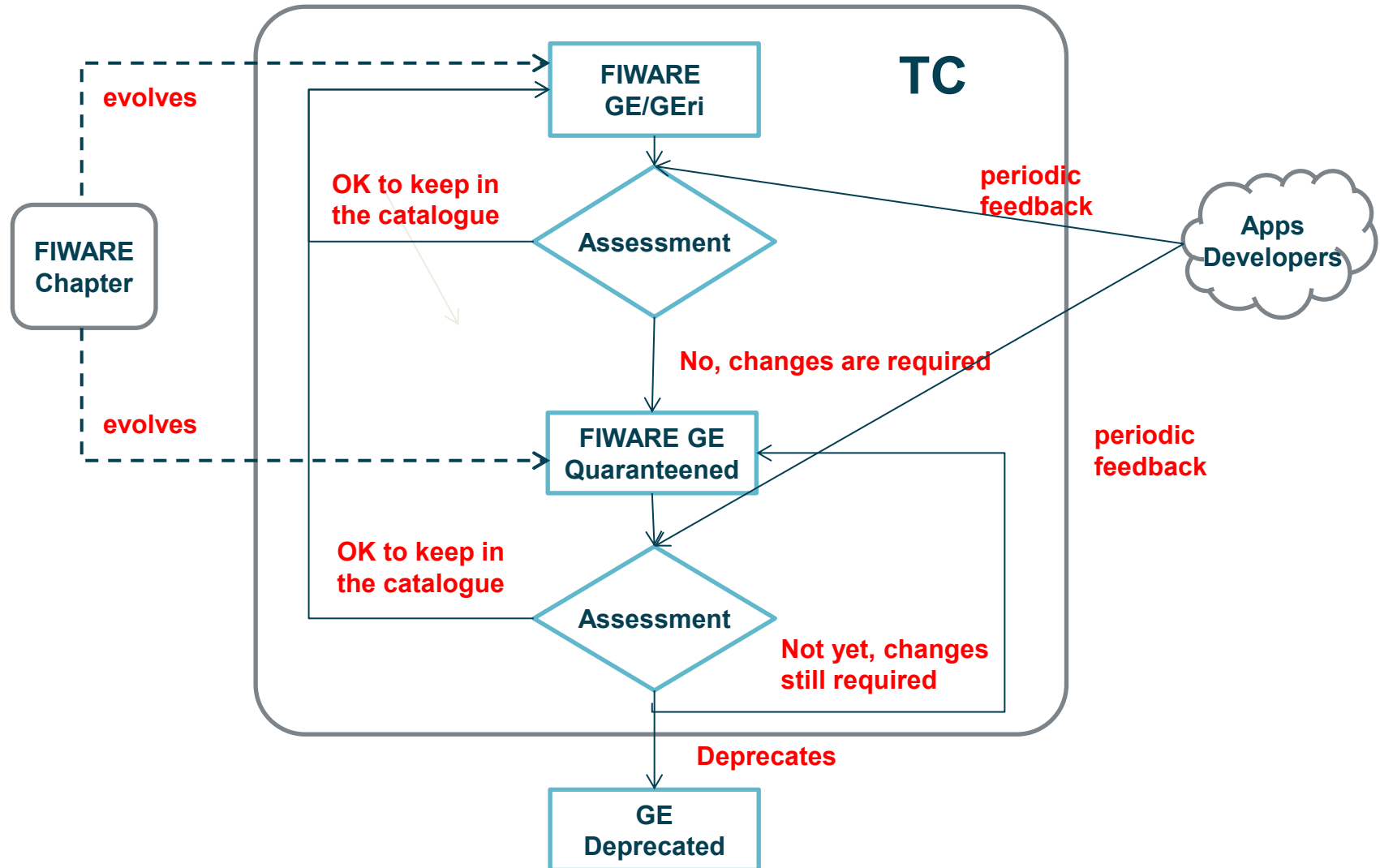
GE lifecycle management

1. GE incubation



GE lifecycle management

2. GE deprecation



THE FIWARE CATALOGUE

The FIWARE Catalogue contains a rich library of components (Generic Enablers) with reference implementations that allow developers to put into effect functionalities such as the connection to the Internet of Things or Big Data analysis, making programming much easier. All of them are public, royalty-free and open source!

By combining them, you can start developing your application right away. Just take a look at our guide and learn which enabler does what or get to know how they can be added to your already working application to add new functionalities. Our library will make your application smarter!

If you are not an experienced FIWARE developer, we suggest that prior navigating the FIWARE Catalogue using the links below you visit the Quick FIWARE guide for developers.

TAKE THE TOUR

QUICK FIWARE GUIDE FOR DEVELOPERS

FIWARE GENERIC ENABLERS

Generic Enablers (GE) offer a number of general-purpose functions, offered through well-defined APIs, easing development of smart applications in multiple sectors. They will set the foundations of the architecture associated to your application.

Specifications of FIWARE GE APIs are public and royalty-free. You can search for the open source reference implementation, as well as alternative implementations, of each FIWARE GE in the FIWARE Reference Architecture.



Data/Context Management
Easing access, gathering, processing, publication and analysis of context information at large scale.



Internet of Things (IoT) Services Enablement
Make connected things available, searchable, accessible, and usable.



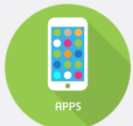
Advanced Web-based User Interface
3D & AR capabilities for web-based UI.



Security
Make delivery and usage of services trustworthy by meeting security and privacy requirements.



Interface to Networks and Devices (I2ND)
Build communication-efficient distributed applications, exploit advanced network capabilities and easily manage robotic devices.



Architecture of Applications / Services Ecosystem and Delivery Framework
Co-create, publish, cross-sell and consume applications/services, addressing all business aspects.

DOMAIN SPECIFIC ENABLERS

The FIWARE Catalogue will be extended to include domain-oriented enablers to be combined with those serving general purposes (Generic Enablers - GE). They will cover functionalities that are specific and will help accelerating development of applications, in certain domains.

The perfect solution to make your app focus on a specific vertical.



Manufacturing



Media



eHealth



Energy



Agrifood

BUNDLES

BUSINESS FRAMEWORK CONSUMPTION

The business Framework Consumption Bundle includes a set of GEs that support different monetization and revenue sharing features.

WIRECLOUD MONETIZATION

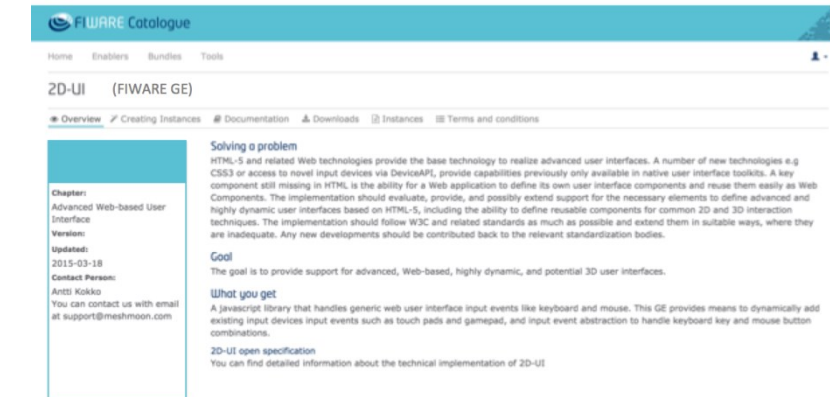
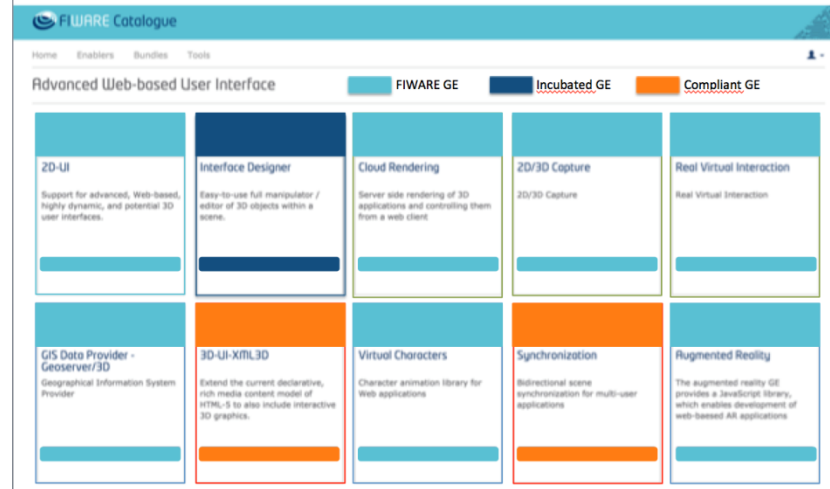
The Wirecloud (App Mashup) Monetization Bundle represents one of the uses cases of the business Framework and intends to show the potential of the BF features provided by FIWARE in a concrete use case. This use case is based on the use of the business framework.

DATA CONTEXT STREAMS

Context Streams generation storage and analysis.



The FIWARE Catalogue




Q&A platform

StackExchange

sign up log in tour help stack overflow careers

fiware

 stackoverflow

Questions Tags Users Badges Unanswered Ask Question

Search

fiware

search

376 results

relevance newest votes active

0 votes

1 answer

Q: Fiware-Cosmos MapReduce
I have a Question regarding the MapReduce example explained here:
http://forge.fiware.org/plugins/mediawiki/wiki/fiware/index.php/BigData_Analysis_-_Quick_Start_for_Programmers It is indeed ...
hadoop mapreduce fiware fiware-cygnus
asked Mar 3 by [Lope Lh](#)

2 votes

2 answers

Q: Fiware Instance Status Error
Hi I've been trying to try out the **Fiware** service. I've setup an POI Instance in the Waterford Region. I've followed the instructions and assigned a floating IP. On the Instance page I have no IP ...
instance status fiware
asked Feb 2 by [user1512783](#)

1 vote

1 answer


Q: Cosmos Fiware and Webhdfs API
I signed up in **Fiware** and created an account for Cosmos. I was able to ssh on the head node, but I couldn't use the API for webhdfs or cosmos. I used curl on my ubuntu shell like this: curl -i ...
fiware
asked Sep 15 '14 by [Cassildo](#)

1 vote

2 answers

Q: Fiware Orion - pepProxy
i'm part of a team that is developing an application that uses the **Fiware** GE's has part of the Smart-AgriFood accelerator. We are using the Orion Context Broker for gathering the data provided ... by the sensor network, and we intend to use the Pep-Proxy to authenticate the sensor node for access the Orion instance. We have tried the following pepProxy's: <https://github.com/telefonicaid/fiware-orion> ...
fiware-orion
asked Apr 10 by [Andres](#)

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fiware


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Self
Treviso, Italy
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