

# EGI Community meeting - Bari

## Nov. 10, 2015

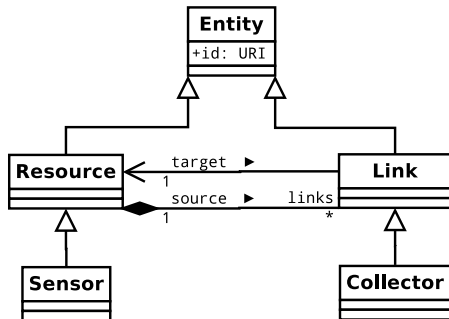
### OCCI-monitoring

Augusto Ciuffoletti

10 novembre 2015

# OCCL monitoring extension

- ▶ One of the documents in the last stages is an OCCL core extension for a resource monitoring service
- ▶ The extension is minimalistic, needs to be customized

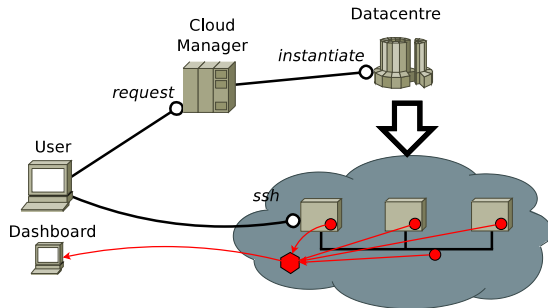


- ▶ Three mixin tags are introduced to control customization: metrics, aggregators, publishers

# The big picture

EGI Community  
meeting - Bari  
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- ▶ Monitoring infrastructure is in red
- ▶ Collectors as circles
- ▶ Sensor as hexagon

- ▶ The document has not been modified since a couple of years: this means that it is **stable**
- ▶ I concentrated on proof of concept implementations of the cloud management engine for simple use cases
  - ▶ a simple use case consists of a few resources and sensors
- ▶ first prototype using Java/RMI/Sockets/VirtualBox (published)
- ▶ second prototype using Java/RMI/Sockets/Docker (published)
- ▶ third prototype using Ruby/REST/WebSockets/Docker (submitted)

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  - ▶ indeed a melting pot for European Projects (maybe just one)
  - ▶ unclear strategy (if any) for standards, TOSCA is a popular option
  - ▶ received statement of interest from three listeners
- ▶ work in progress with EGI, that is interested in an on-demand monitoring service (MaaS)
- ▶ boot in progress with FIWARE ([www.fiware.com](http://www.fiware.com)) a EU funded community *to build an open sustainable ecosystem around public, royalty-free and implementation-driven software platform standards that will ease the development of new Smart Applications in multiple sectors*
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