



# An Open Source Community @WORK

CONSEGI, Brasilia, 27 August 2009

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*President, OW2*

*Open Source Strategy, Bull*

[www.ow2.org](http://www.ow2.org)



## ObjectWeb

Founded in 2000

A joint project funded by INRIA, Bull  
and France Telecom

100 projects

650 committers

5100 contributors

12,200 subscribers

80 countries

2,400,000 downloads

## OrientWare

Founded in 2004

Sponsored by the Chinese Ministry of  
Science and Technology (MOST)

Chinese National High Tech. Program  
(863 Program)

US\$1billion+ investment

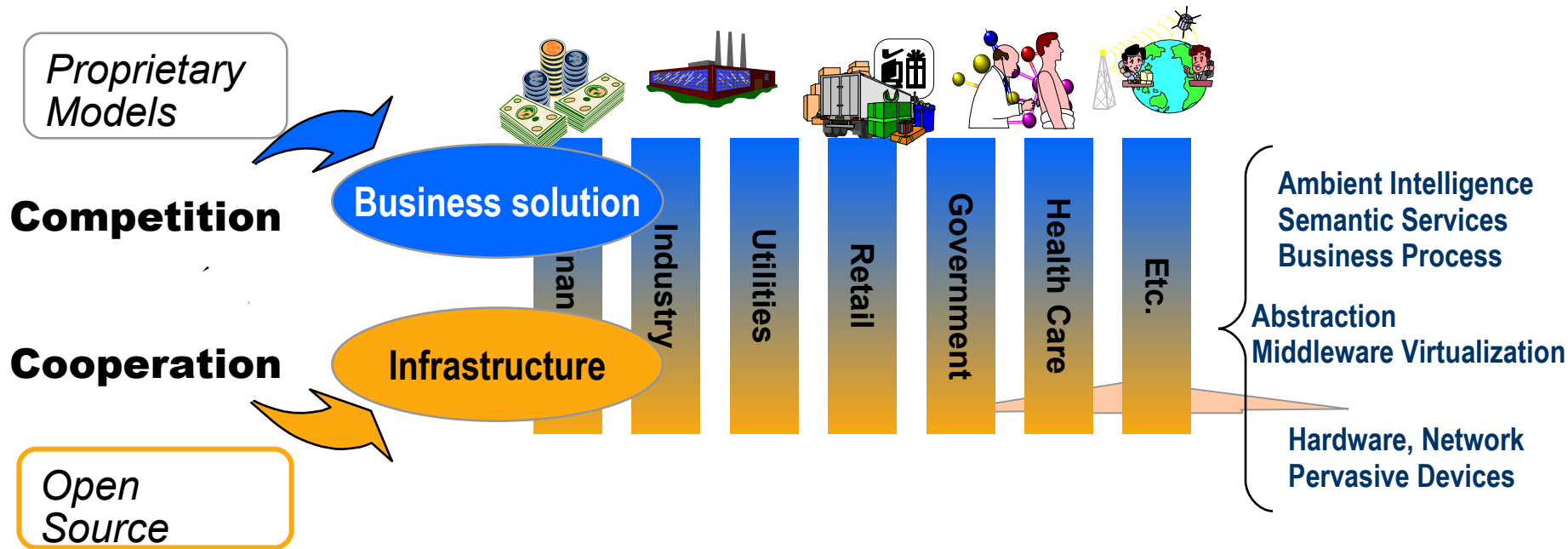


*In 2007, ObjecWeb and OrientWare merge to form OW2*

**The mission of the  
consortium is to  
*develop open source  
middleware\**  
and to foster a vibrant  
community and  
business ecosystem**

*\*Middleware at large, including tools for the development, deployment and management of distributed applications*

# A Vision for Open Source Middleware



**Critical for everyone! Shared by everybody!**

**The *infrastructure* of our Information Society**

Same middleware used by different sectors

Simplify applications development and integration

# OW2 Consortium Structure

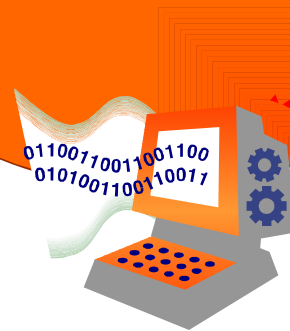


**Community**



**Governance**

**Code Base**



**Activities**



**Membership Fees**

# OW2 Membership

**14 Strategic Members, 47 Corporate Members**  
**>1000 Individual Members as of January 2009**

## Strategic Members

Alcatel Lucent  
Beihang U.  
Bull SAS  
CVIC SE  
DOCSC  
Engineering  
France Telecom  
INRIA  
ISCAS  
NUDT  
Peking U.  
Red Hat  
SERPRO  
Thales

## Corporate Members

### **Academia**

Free U.  
GET  
U. of Fortaleza

### **Research Labs**

Charles U.  
CNRS-IMAG  
Fraunhofer FOKUS

GMRC

LIG

NJUPT

### **MICROs**

Altic  
Arctic.Park  
Experlog  
Konsultex  
Neociclo  
Obeo  
O-Engine  
Orbeon  
Oxymel  
Requea  
Scalagent  
Ubikis  
Skiftex  
XPerNet

### **LORGs**

Min. Interieur  
Placenet.cn  
Sogeti

### **SMORGs**

Arimaan  
Avane  
BPMConseil  
EBM WebSourc.  
Edifixio  
Elastic Grid  
eteration  
European Dynamics  
eXo Platform  
HISP VietNam  
Funambol  
Iona  
Intervision  
Linagora  
Linalis  
Open Wide  
Serli  
Talend  
TongTech

# OW2 Industry-Grade Projects 2008 top-16 Downloads

2,600,000 downloads

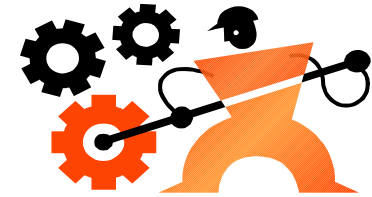
sync4j  
lomboz  
xwiki  
acceleo  
exoplatform  
asm  
jonas  
spagobi  
ops  
bonita  
orchestra  
petals  
javaservice  
shark  
jotm  
joram



# The OW2 Advantage for Users

## Technology quality

OW2 open-source development process



*Reduced Technology Risk*

## Legal assurance

Code can be freely re-used, adapted and distributed



*Reduced Legal Risk*

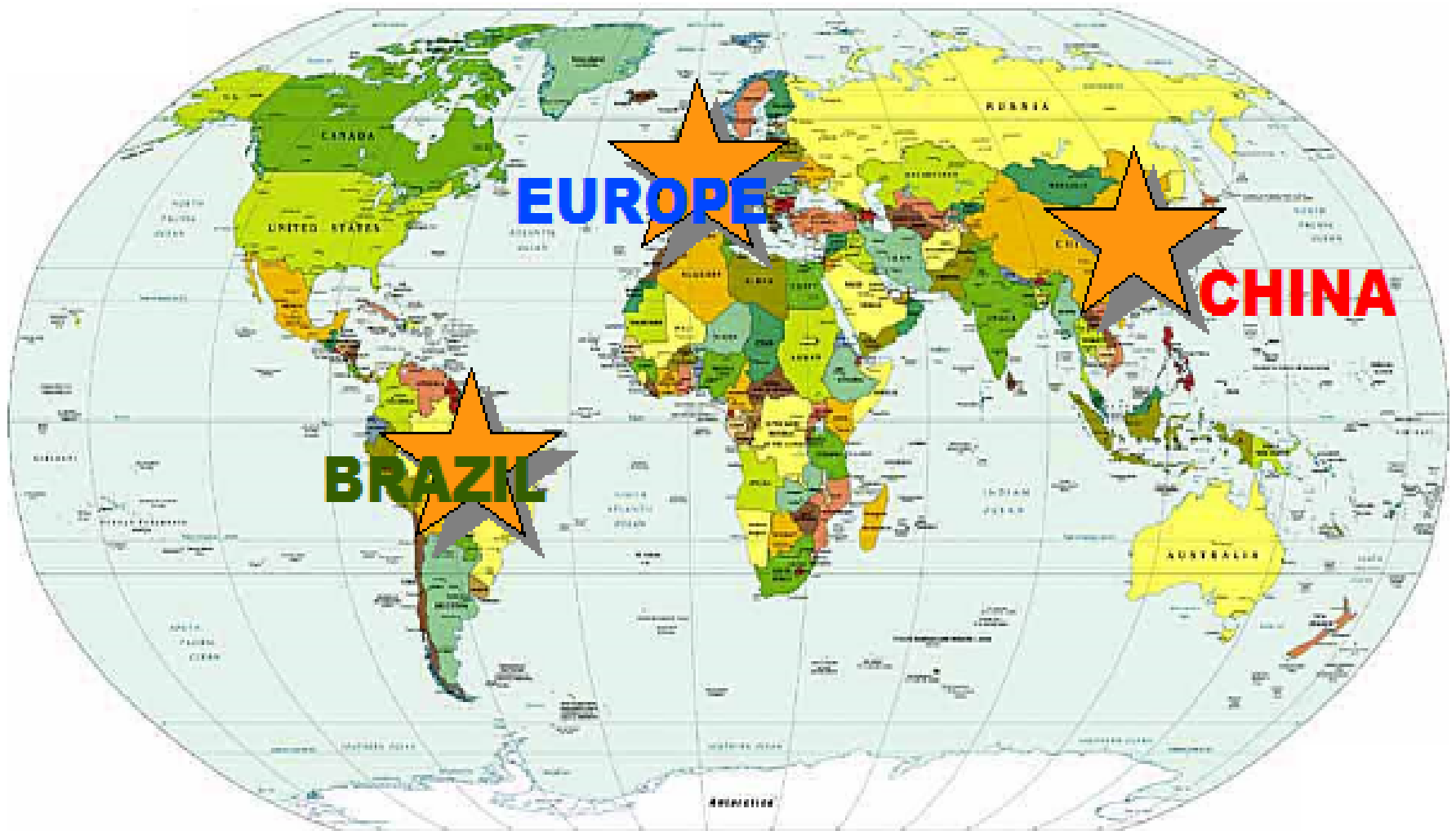
## Investment protection

Projects are endorsed by a strong market follow-up



*Reduced Market Risk*

# OW2 Local Chapters



# OW2 RoadShow 2008

## OW2 Quarterly Meetings

Qualipso Conference

## Solution Linux

CEBIT

ECLIPSEcon

BI Forum

OSBC

PAAL

W3C

## JavaOne

Forum PA 08

Linux Days

Linux Tag

Italy Roadshow

FOSS Bridge

Libre Software Meeting

OSCON

Open Day BI

## Paris Capitale du Libre

Open Source Camp

OW2 China Roadshow

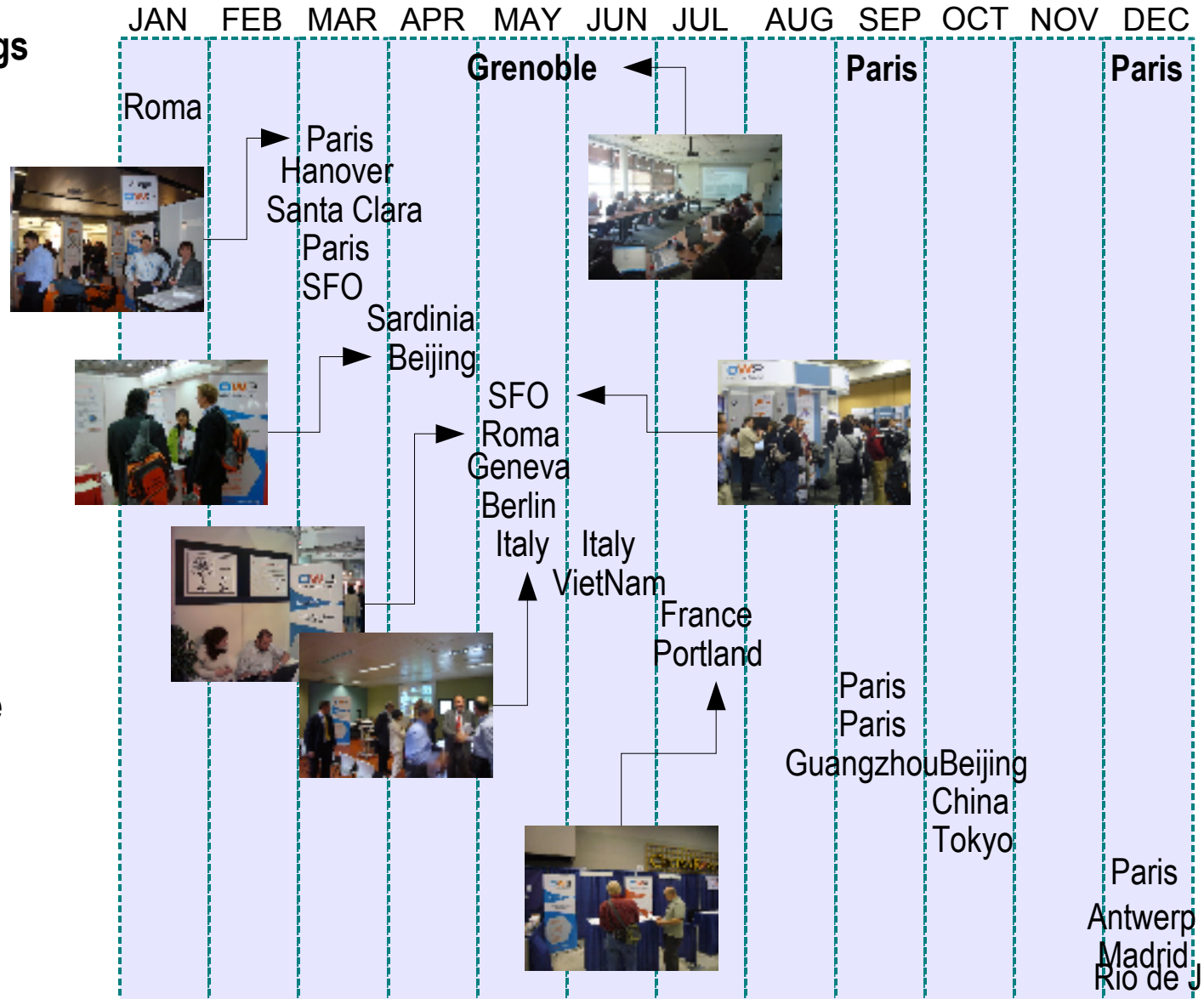
IPA Annual Conference

Open World Forum

## Devoxx (JavaPolis)

ServiceWave (NESSI)

FreeSoftwareRio 2008



# A Business Ecosystem Platform

## Technical Services

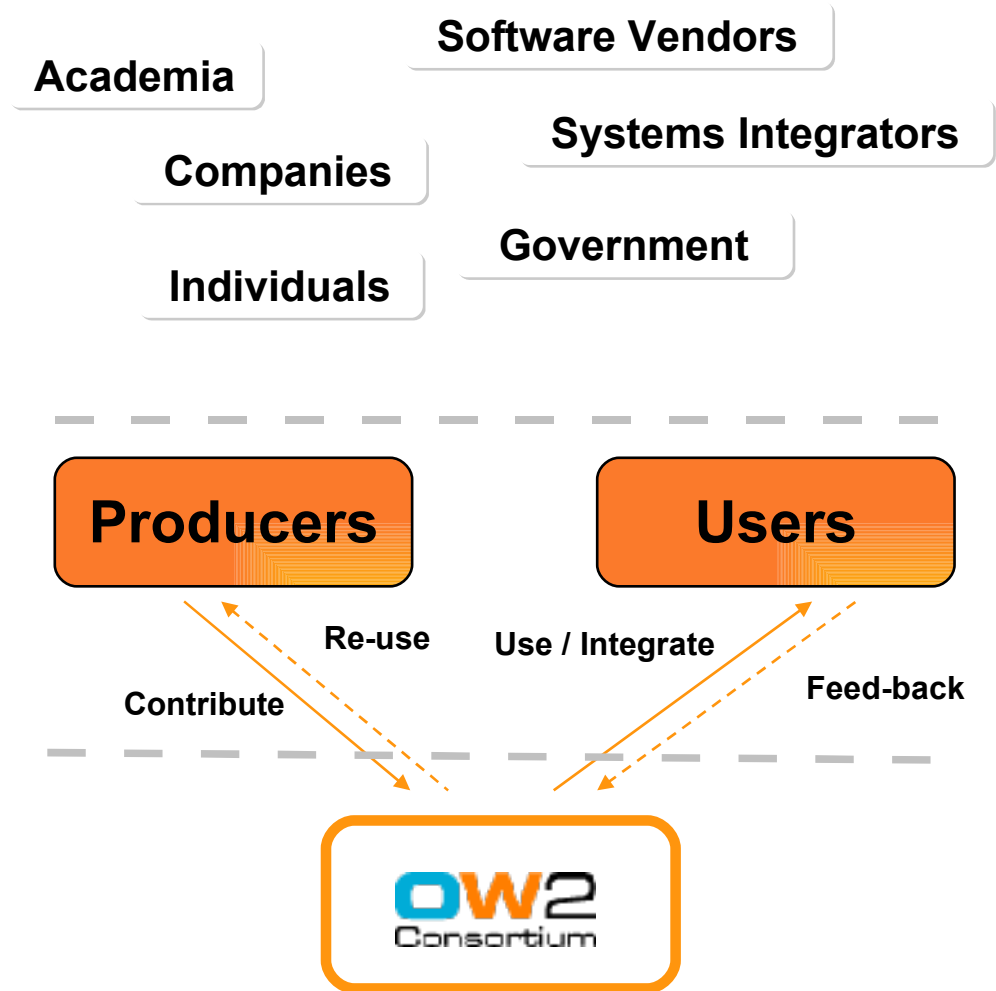
Forge  
Mailing lists,  
Wiki, etc.

## Community Services

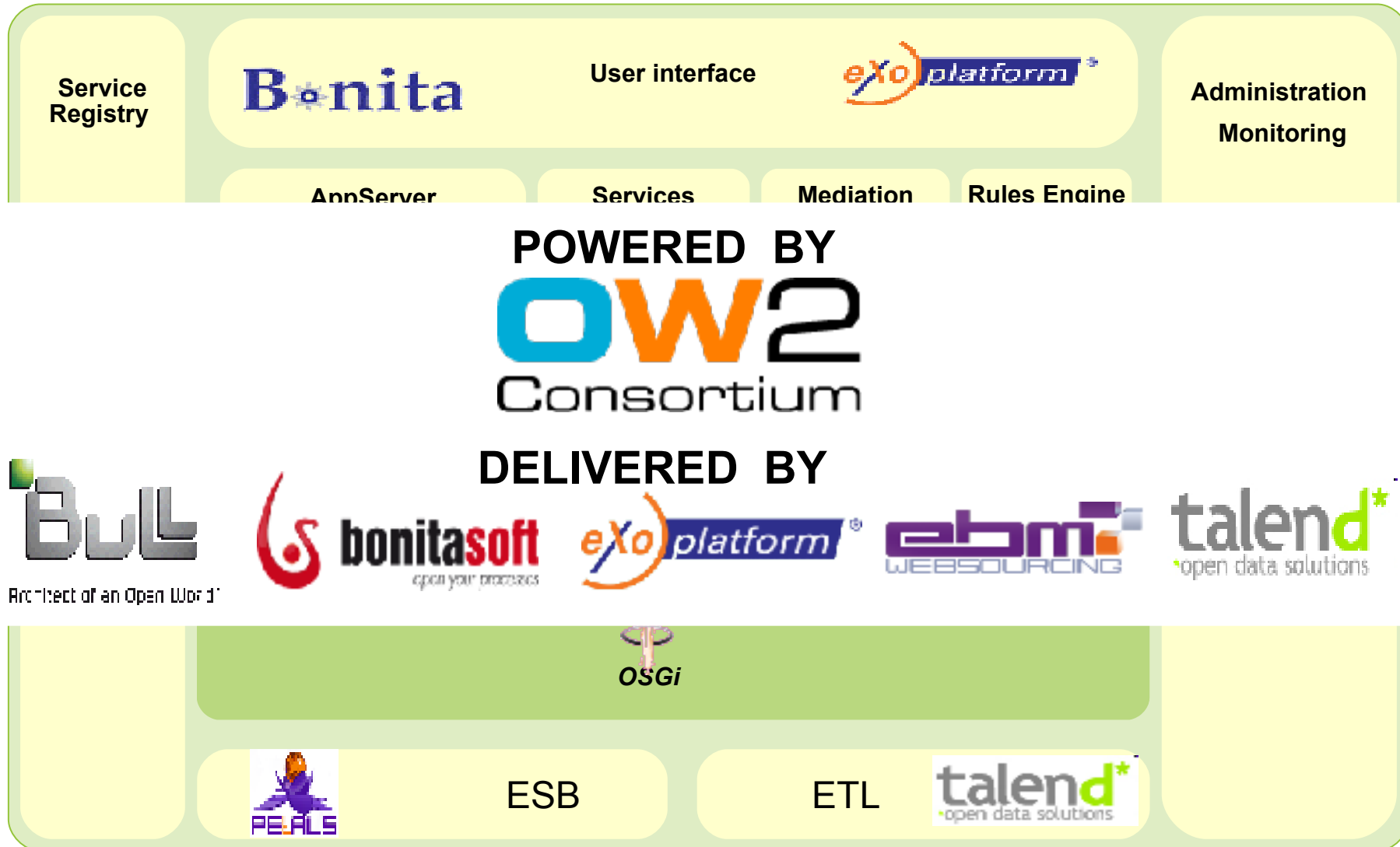
Governance framework  
Activities

## Marketing Services

Project promotions  
Awareness



# Example of Ecosystem: Open Source SOA Platform



# OW2 JOnAS in France Telecom



## JOnAS

- JavaEE Server
- OSGi based service architecture
- EJB3 container
  - EasyBeans
- Clustering
- Advanced mgmt
  - JASMINe
- Java EE 5 certified
- GNU LGPL
- Support and Services

## France Telecom

N°1 Telco provider  
in France

Migration from BEA  
to reduce costs

JOnAS for all new  
applications

- $\frac{3}{4}$  projects on JOnAS
- Millions of users
- Intranet publications
  - 200 000 users
  - 400 req / sec.
  - SLA: >99,9%



Partners of an Open World



# OW2 JOnAS in Ministère de l'Intérieur



## Ministère de l'Intérieur

2 Main Missions: Safety  
& Security of People  
& Property

Police Force

National Gendarmerie

Firefighters Force

Permancy of State

Presence on  
Territories

300 000 p.

IS Depart: 1 500p.

## COLBERT

The State allocates fundings to  
local governments

Exchanges between the  
National Administration and the  
Local Governments:

36 000 Cities,

100 Counties

26 Provinces

250 simultaneous  
users

150 000+ documents

360 000 letters in 3  
months



# OW2 Bonita in State of Geneva



## Bonita

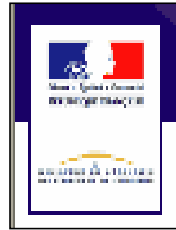
Workflow and BPM  
Process Virtual  
Machine  
Web 2.0 console  
Graphical XPD  
L designer  
XPD  
L standard  
Combined with OW2  
Orchestra for BPEL,  
with OW2 eXo for  
CMS  
GNU LGPL  
Support and Services



## State of Geneva

E-Gov for >400 000  
citizens  
86% Computer  
30% High Speed  
Redesign IS into SOA  
with Open Source  
OW2 JOnAS, eXo  
BPM  
automate and simplify  
processes  
improve quality and  
productivity  
foster collaboration  
internally and  
externally

## French Ministry of Finances



To automate administrative applications e.g. a tool to follow the signature process started by citizens and ended at the French Ministry offices.

## French Ministry of Agriculture



BPM framework integrated in the JEE framework to develop Human Resources applications.  
for the development teams to develop and integrate BPM features in existing or new applications.

# OW2 Petals in Acess



## Petals

- Scalable ESB
- Distributed
- Easily extensible
- OW2 Fractal model
- Certified JBI  
implementation (JSR  
208)
- JBI components as  
plug-ins
- GNU LGPL
- Support and Services

## ACOSS

- the French Social Security  
system bank
- >320 billion euros  
yearly from 5,8  
millions people
- 16 500 employees
- Connected with 420  
agencies (CPAM,  
CAF, ...)

- Open and standard  
distributed ESB
- Plus Eclipse Plugin
- easy configuration and  
deployment



# OW2 Lemonldap::NG in Gendarmerie Nationale



## LemonLdap::NG

Distributed Web SSO

tested open source  
libraries

based on ModPerl

centralized  
management

Authentication,  
user's attributes  
propagation

access control

sophisticated access  
rights management

GNU GPL

Support and Services



## Gendarmerie

Safety and Security of People  
and Property

4 300 agencies

1 private network

2 datacenters

## Lemonldap as SSO

105.000 users

40,000 simultaneous  
sessions

3 ms / hit

>100 protected  
applications: J2EE,  
PHP, SAP,  
Nagios, ...

# OW2 Acceleo at Unedic



## Acceleo

- Code generator
- MDA approach
- Eclipse EMF
- Off the shelf generators for JavaEE, .Net, PHP, Python, ...
- Template editors for Eclipse

EPL

Support and Services



## Unedic

Central public organization managing unemployment benefits for all branches

- Minimize investment and optimize ROI on large projects
- >5 000 man days

- Improve productivity and reliability
- communication between teams

- Leverage design methodology and architecture

# OW2 NovaForge at DCNS



## NovaForge

Collaborative platform  
for development

Referential  
Collaboration  
Development  
Integration & testings  
Control

Integrating best of  
breed Open Source

OW2 eXO, SVN,  
Mantis, Maven,  
Eclipse

GNU GPL

Support and Services



Architect of an Open World

## DCNS

front-ranking European player in the  
world market for naval defence  
systems

13 000 employees

2.8 Billion euros

## GEMO (GENeric/MODular)

Industrialised and  
standardised Java  
framework for Combat  
Management Systems

Reused by all teams  
submarines, frigate,s  
aircraft carriers, ...

Massive use of Open  
Source and Open  
Standards

# OW2 Demoiselle at SERPRO



**All conditions are met for a sustainable ecosystem**

*Open Source Innovation  
Powerful Sponsor  
Potential Power Users  
Academic Resources  
Open Source SMEs*

## Technology Council

Share vision and ideas with  
other projects

## Local Chapter

Interconnect members  
Technology transfer

## Management Office

Worldwide promotion  
Market awareness

## Members

Foster innovation and  
entrepreneurship



*From Technology to Business, From Open Source R&D to Services*

# OBRIGADO

Enjoy the Technology!  
...Join the Community!

**[www.ow2.org](http://www.ow2.org)**

For more informations  
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