



« ONESSI, the Open Source Channel »

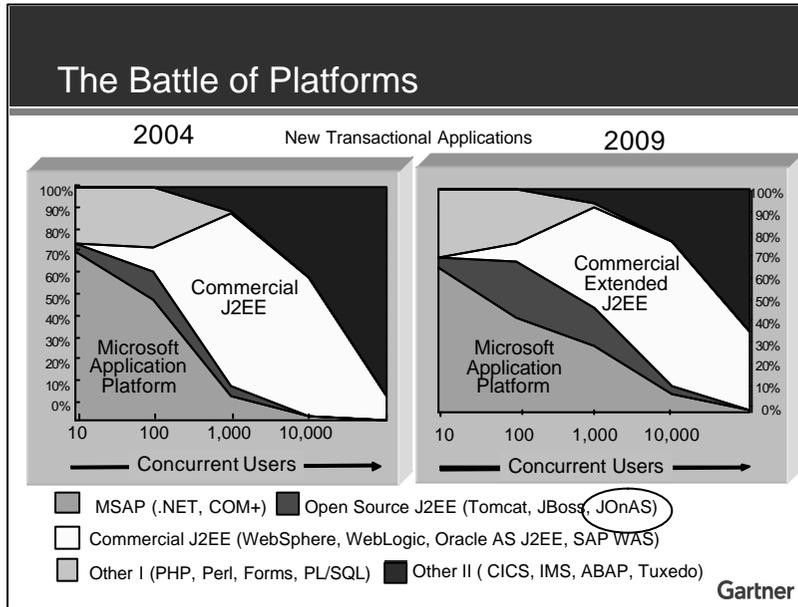
Jean-Pierre Laisné
ObjectWeb Chairman
NESSI Board Member
Namur, Apr 24, 2006

ObjectWeb Today

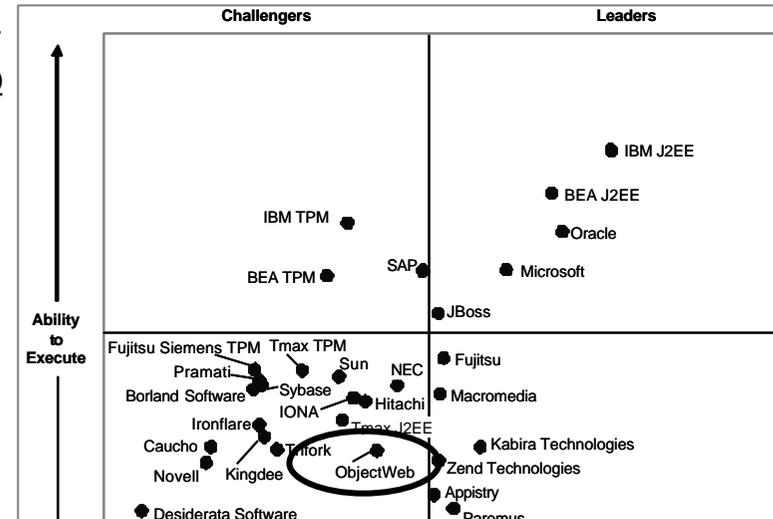


- **A consortium focused on open source middleware**
 - ❖ official creation Jan. 1, 2002
- **backed by world-class companies and R&D centers**
 - ❖ E.g. Bull, France Telecom, Thales, Red Hat, INRIA
- **considered as strategic by France and Europe**
 - ❖ E.g. NESSI, S4All, Impact, OSMOSE, ...
- **the result of more than 10 years R&D investment**
 - ❖ E.g. JOnAS, Joram
- **with increasing market significance**
 - ❖ E.g. Jonas & ObjectWeb on Gartner's middleware quadrant
- **highly innovative technology**
 - ❖ component-based & aspect-oriented system engineering
- **industry-grade code base**
 - ❖ J2EE certification
 - ❖ adopted in mission critical systems

The Analysts' View



Gartner
EAS MQ
April 2005



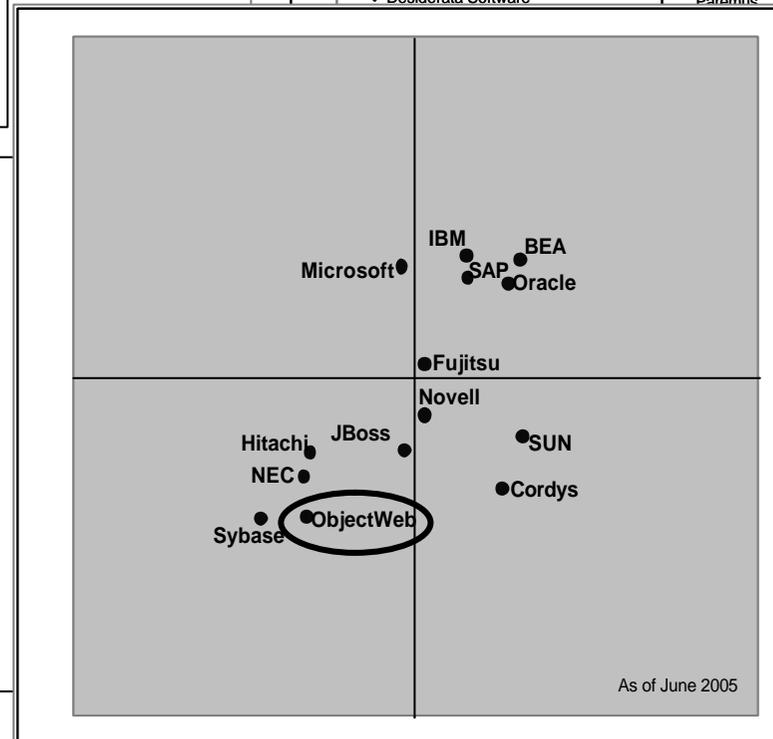
As of April 2005

Visionaries

Microsystems
MaxSoft
Transaction-processing monitor
fork Technologies

Consider ObjectWeb when looking for a single source for a comprehensive set of open-source middleware and development tools

Yefim Natis, VP Distinguished Analyst,
Gartner, November 2004



Gartner
APS MQ
June 2005



Open Source Software in NESSI



Back to Basics Why Open Source?



→ Ethical reasons

→ Technical reasons

→ Business reasons

→ Public policies

**Yet we need to abide by some basic rules
... and deliver code!**



Facets of Open Source



→ A legal framework

- OSI – is it sufficient (Cecill, ...)?

→ A development process / a collective strategy

→ A community / communities

- Innovation reservoir
- Global impact, borderless

→ A policy for Europe

- Interoperability and open standards
- Service based economy

→ And eventually... code!

- Virtual circle: iterative, agile development – as opposed to rigid planning



Open Source in NESSI



➔ **Open Source as a Policy**

- Use open source to maximize impact of NESSI

➔ **« Open Source Science »**

- Study the mechanisms of open source



Communication is central to Open Source



→ Disseminate knowledge

→ Gather ideas and create opportunities

➤ OSS communities are think tanks

➤ ...and incubators for collaborative projects

→ Increase adoption

➤ Establish de facto standards

➤ Adoption means sustainability

→ Attract contributors (1% of users?)

**→ Importance of network effects and of reaching
critical mass**



ONESSI: What do we aim to achieve?



→ Inbound Communication

- Let members of the OSS community “be heard” in NESSI
- Collecting input from community (SRA)
- Get real world case studies / business models (OS science)

→ Outbound Communication

- Reaching out to the OSS communities (events, talks, online, etc)
- Raising awareness about NESSI
- OSS as a dissemination / adoption channel

→ Paving the way to an open source RI of NESSI Framework

- Generate interest so OSS players get prepared to contribute
- Promote reuse and improvement of existing OSS
- Let the industry be aware of the opportunities brought by an OS RI



ONESSI Getting Organized (1)



→ ObjectWeb: a tool – it exists, it works, NESSI may use it

- Nonprofit, Open and Neutral
- Third Generation Open Source Community
- European-born, no equivalent in the OSS world
- Shifting gears in 2006

→ As NESSI board member, ObjectWeb started ONESSI to federate its NESSI related open source activities

→ ONESSI is open to all NESSI members, and beyond, to the OSS community at large



ONESSI

Getting Organized (2)



→ **ONESSI is not an open source project**

- market driven as opposed to technology driven
- a business aware governance model as opposed to best effort from individuals
- deliver more than code, e.g. qualification, documentation, etc
- foster the development of a business ecosystem as opposed to a community of technologists

→ An “open source initiative” is a collaborative program undertaken by industry stakeholders to promote a set of technologies and bring them to the mainstream

→ Two phases: incubated, mature

→ One « proposal »



ONESSI

Getting Organized (3)



- ➔ **Incubated ObjectWeb Initiative – work in progress**
 - Extend NESSI outreach to the OSS community

- ➔ **White, Grey, Black information**

- ➔ **Gathering Input & Requirements for NESSI SRA from the community (incubation phase)**
 - Interface with academia, business, individuals, gov't
 - How to handle restricted distrib. of info?
 - Scientific themes + open source science

- ➔ **Opportunities to create NESSI middleware implementations (mature phase)**
 - Eg parts of a full scale demonstrator
 - Reference implementation for the NESSI framework

- ➔ **ONESSI Coordinator is being recruited**



ONESSI

Getting Organized (4)



→ ObjectWeb Infrastructure

- Code repository
- Notoriety, Credibility, Legitimacy
- Training material for education
- Reuse by vendors, users, other OSS projects
- Various licenses: business models friendly – federating an ecosystem

→ Joint Communication

- Grass-root communication (e-zines, news portals, ...)
- Traditional media: PR, AR, shows, web
- « Cluetrain » communication
- Collective brand strategy

→ OSS Full Scale Demonstration Center

- Can be adopted, reused, improved...



IST 2006 Conference Helsinki Nov 2006



→ Concept

- Networking session (IST 2006 Conference)
- Mini panels – 4/5 themes

→ Preparation (May-Oct 06)

- Reach out to open source communities at large
- ONESSI / NESSI-SSA workshops (ObjectWeb quarterly meetings)
- Participants to position existing or future projects in the NESSI context

→ Followup (Nov 06 -)

- Participants dispatched in working groups
- Contribution to SRA
- OS development of projects

*Apache Software Foundation
Blender Foundation
Eclipse Foundation
Fedora Foundation
GNOME Foundation
Gentoo Foundation
Mozilla Foundation
ObjectWeb
Open Security Foundation
Open Source Applications Foundation
Software in the Public Interest
Ubuntu Foundation
X.Org Foundation
Xiph.Org Foundation
FSF
OSI
APRIL
AFUL
FFII
MMBase
Java.net
etc*



Questions?

NESSI initiates Open Source channel to contribute to SRA and foster first Open Source implementation.

ObjectWeb, one of the NESSI founding partners, opened the ONESSI channel. The purpose of ONESSI is to facilitate the contribution and collaboration of Open Source stakeholders to the NESSI Strategic Research Agenda and, in a second step, to foster one of the reference implementations of the NESSI Framework through Open Source contributors.

More information at

<http://onessi.objectweb.org/xwiki/bin/Main/>