

OW2 OPEN SOURCE CLOUDWARE INITIATIVE (OSCi)



Initiative Leaders



Initiative Partners



The Open Source Cloudware Initiative (OSCi), launched by the OW2 community, develops and promotes a common vision of what should be an open cloud based on open source and open standards. The OSCi drives community efforts to deliver key software technologies according to a collaboratively defined R&D agenda. Participants in the initiative include business and academic organizations from all over the world.

Mission and goals of the Initiative

The goal of the initiative is in two folds: first, define a research agenda for enhancing the state of the art of free / open source cloudware and promoting open standards ; second, deliver a reference F/OSS cloudware architecture based on OW2 and third-party projects. The initiative also fosters collaboration within the OW2 business ecosystem and extends OW2's outreach.

What is the OSCi promise?

- Promote open cloud standards
- Avoid cloud lock-in
- Create an innovative and sustainable ecosystem

Activities

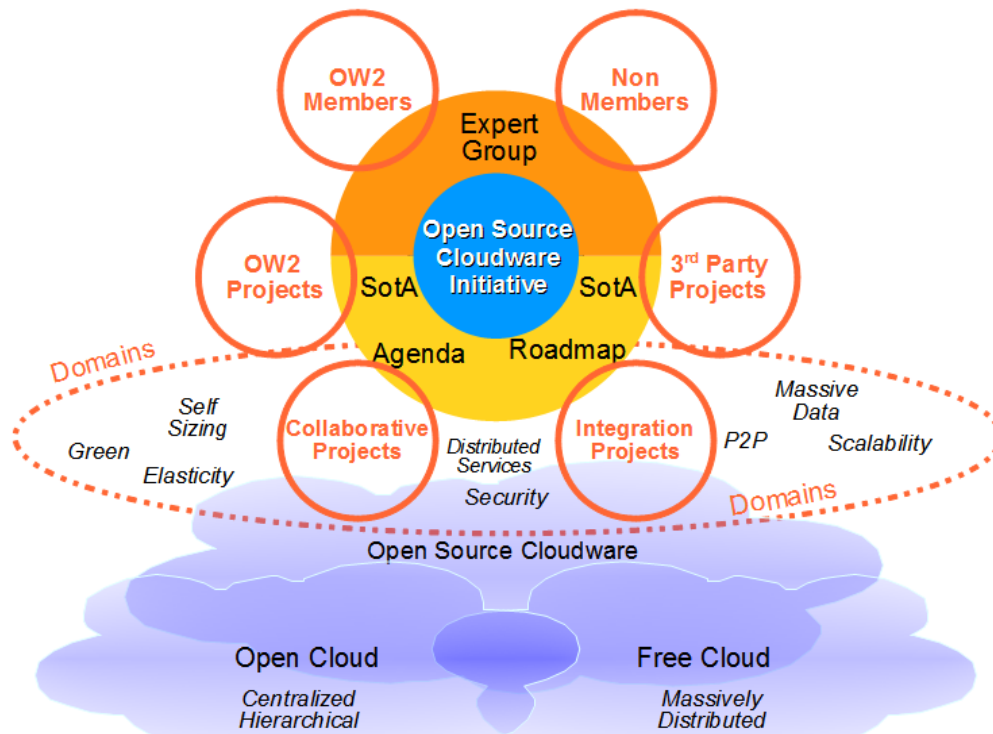
Domain 1. Self-sizing and green PaaS: Manage elasticity of distributed applications deployed on the cloud, addressing the challenges of data center multi-tenancy with limited capacities and data center placement for optimizing the energy costs.

Domain 2. Distributed interoperability architecture: Improve interoperability between heterogeneous service domains/clouds and build a combined public/private cloud PaaS leveraging existing distributed ESB technology.

Domain 3. BI 4 Cloud: Provide a framework to develop agile and robust Business Intelligence systems on the Cloud.

Domain 4. Massively distributed clouds: Improve sovereignty and privacy for massively decentralized systems, addressing the issues of security and safety.

The OSCi Community and ecosystem



Key Words

- Cloud computing
- Openness
- Interoperability
- Open Standards
- Community

Initiative Outlook

- The first OSCi implementations are scheduled for mid-2011 and the first OSCi Summit will take place in December 2011.
- The OSCi defines a research agenda and promotes international cooperation via expert group members.
- The OSCi develops synergies between funded collaborative projects including CompatibleOne, 4Caast, EASI-CLOUDS, InternetWare, OSAMI, PLAY, SelfXL, CHOReOS, SOA4ALL, SocEDA, Trustie.

OW2

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About OW2: Founded in January 2007, OW2 is an independent industry community dedicated to developing open source code infrastructure (middleware and generic applications) and to fostering a vibrant community and business ecosystem. The OW2 Consortium hosts some one hundred technology projects, including Acceleo, ASM, Bonita, eXo Platform, Funambol, JOnAS, Lombos, Orbeon Forms, PetALS, SpagoBI and XWiki. [More information at http://www.ow2.org](http://www.ow2.org).

About the OW2 Initiatives: Initiatives are joint efforts by OW2 Members aiming at facilitating the use of OW2 technologies by mainstream Systems Integrators, End-Users and Software Vendors. Within an Initiative, OW2 Members work together to develop both technical integration between projects and business synergies in order to address specific market needs.

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