

OW2 BIG DATA INITIATIVE



Participants



UNIVERSITÀ
DEGLI STUDI
DI MILANO



What is Big Data?

A new generation of technologies and architectures, designed to economically extract value from very large volumes of heterogeneous data by enabling high-velocity capture, discovery and analysis.

What is the OW2 Big Data Initiative

Mission: attract a vibrant ecosystem around open source Big Data and Business Intelligence technologies by identifying and working on actual business scenarios

Goal: enforce the development and evolution of a community-driven generation of Big Data tools as well as innovative techniques and methodologies for their adoption and application

Topics: Data mining and predictive analysis models; real-time data processing; intelligent federation of heterogeneous data sources; advanced visualization tools and techniques; intelligent data capture and data chain management; anonymization and privacy; collaboration tools and platforms; open data and linked data management

Why the OW2 Big Data Initiative

A joint effort set up to:

- make best use of current OW2 assets in the Big Data, Business Intelligence and Data Management domains
- design new ways of inquiring, displaying and exploring data by data scientists as primary users
- create an environment where inter-disciplinary competences are expressed in joint projects
- define synergies and contribute to similar initiatives in the European R&D programs

The OW2 Big Data Initiative is focused on different working areas.

It addresses both **technological and non-technological activities**, as well as **research and communication** activities.

Main deliverables provide objects that **encourage and facilitate the adoption and experimentation of Big Data techniques**, such as:

- ready-to-use appliances addressing specific big data sources
- descriptions of real adoptions or well-defined use cases ready for implementation
- descriptions of machine learning algorithms and data science techniques
- realization of demonstration environments
- Big Data support services delivered by means of Cloud infrastructures.

JOIN US!

The Big Data initiative is a **unique opportunity** to:

- take advantage of new business and cooperation opportunities
- drive the growth of open source solutions
- be directly involved in research activities driving innovation
- be part of a bigger dimension: "**the whole is greater than the sum of its parts**".

To enter the initiative, **send us a membership request** including an overview on your experience, expectations and contribution proposals.

Contact: bigdata-initiative@ow2.org

Visit: www.ow2.org/view/Big_Data/

OW2 Consortium

OW2 is an independent industry consortium dedicated to developing open source code infrastructure (middleware and generic applications) and to fostering a vibrant community and business ecosystem. OW2 federates some one hundred organizations and 6000 IT Professionals in Europe, Asia and the Americas. OW2 hosts over one hundred technology Projects, including ASM, Bonita, CLIF, CompatibleOne, CONTRAIL, Emerginov, eXoPlatform, DocDoku, JOnAS, JORAM, Nanoko, Petals ESB, OpenCloudware, ProActive, Sirocco, Spagic, SpagoBI, Talend Open Studio, WebLab, XLcloud and XWiki. Several of these projects are combined into market-driven Initiatives, such as the OSCi Open Source Cloudware Initiative and the Business Intelligence Initiative, which facilitate their implementations into business solutions by systems integrators, OEMs and end-users. OW2 is an open source dissemination partner in a number of collaborative projects, such as CHOReOS, CompatibleOne, OpenCloudware and XLcloud. Visit www.ow2.org.

OW2 Initiatives

OW2 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.

OW2 Big Data Initiative Participants

Altic (www.altic.org), Artemis (www.artemis.lu), SpagoBI (www.spagobi.org) supported by Engineering Group (www.eng.it), Linagora (www.linagora.com), Talend (www.talend.com), Università degli Studi di Milano (<http://ra.crema.unimi.it/>), UShareSoft (www.usharesoft.com).