



Spagic

Open Source SOA Universal Middleware

Key Words :

- SOA
- OSGi
- Universal Middleware
- ESB
- BPM

Project Name

- Spagic

Category

- SOA
- BPM
- IDE
- Management
- OSGi

License

- LGPL

Professional Support

- Engineering Group

Some References

- Cesena ASL 16 (Healthcare) – Italy
- Veneto Region – Italy
- Favini

Spagic is the free/open source platform for the governance of middleware services and the development of SOA applications

Spagic solution

Spagic 3 is Universal Middleware, characterized by an innovative approach to the governance and realization of SOA solutions, which are highly modular and configurable around an OSGi (Open Service Gateway initiative) kernel. The Universal Middleware model offers a new development process which gives real answers to the increasing complexity of software architecture, to reusability and to the management of various components lifecycle.

Spagic Benefits

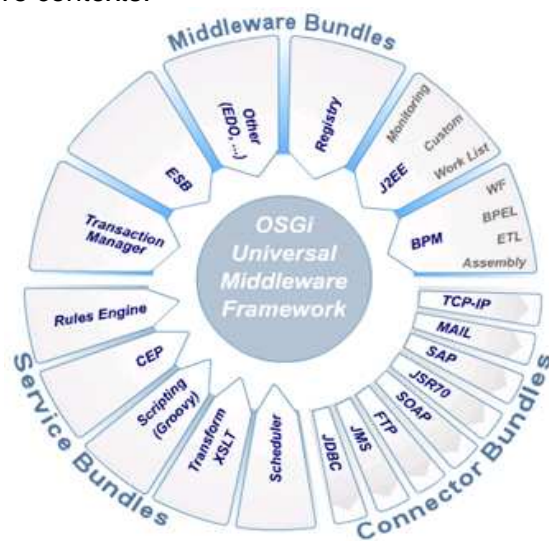
- Improvement of the platform flexibility through the OSGi technology, which offers a wide range of services through a modular gateway, suitable to different enterprise, custom or mobile environments.
- Improvement of the dynamic evolution of components through OSGi lifecycle features.
- Improvement of the components reusability, through an xml declaration of components features: interfaces, publication models (connectors), dependence on other components and security rules.
- Improvement of the efficiency of all the actors involved in the integration processes. Users can set components and rules, development processes and define technical concepts using specific tools, such as BPMN, BPEL, workflow, forms, mapping and configuration tools.

Open Source SOA Universal Middleware

Spagic 3 is Universal Middleware, characterized by an innovative approach to the governance and realization of SOA solutions, which are highly modular and configurable around an OSGi (Open Service Gateway initiative) kernel.

The Universal Middleware model offers a new development process which gives real answers to the increasing complexity of the architectural specifications, to reusability and to the management of the lifecycle of the various components.

Spagic 3 modularity allows users to realize extensible solutions, which are particularly adaptable to the wide range of existing applicative contexts.



Spagic 3 offers a complete range of tools supporting the governance of SOA projects: modelling support tools, services definition, realization of forms to support users' activities, deploy control, connectors, BPM engines, infrastructural services and containers and a monitoring environment.

Key Features

- SOA/BPM tools
- Visual process designer: BPMN, BPEL
- ESB engine support
- BPEL engine support
- Ongoing process instances and activities monitoring
- Historic message visualization
- Workflow data updates
- Open standards adoption
- OSGi Service Model
- Designer and Engine Pluggability

Highlights

- Spagic governance tools, based on the Eclipse IDE and on a specific web environment, allow to define services, processes, rules and deployment policies, so as to realize, monitor and manage the platform in different development, test and production environments.
- Spagic Service Manager implements the SOA Universal Middleware through the adoption of the open source OSGi framework Eclipse Equinox. It has been extended towards orchestration, composition, communication and ESB functions through the most adopted connectors, such as SOAP, JMS, JDBC, FILE, FTP, TCPIP, SAP.

Professional Support



- Services & Support: Proof of Concept, On-site consultancy, Project Developments, In-house development
- Project Subscription
- Training

OW2

OW2 Consortium
21 rue de Madrid
75 008 Paris, France
www.ow2.org
contact@ow2.org

About OW2

Founded in January 2007 as a result of the merger of ObjectWeb and OrientWare communities, OW2 is an independent industry consortium dedicated to developing open source code middleware and to fostering a vibrant community and business ecosystem. Building on the legacy of ObjectWeb and OrientWare, OW2 federates more than one hundred organizations and 6000 developers in Europe, Asia and the Americas. OW2 hosts over one hundred technology Projects, including Lomboz, Funambol, eXo Platform, XWiki, SpagoBI and JOnAS. Several OW2 projects are combined into market-driven Initiatives, such as the ESB/SOA Initiative and the Business Intelligence Initiative, which facilitate their implementation by systems integrators, OEMs and end-users. A typical global open-source organization, OW2 aims to bring together grassroots communities across all continents through Local Chapters.

More information about OW2 is available at <http://www.ow2.org>.

