

PEtALS

OPEN SOURCE ENTERPRISE SERVICE BUS

Key Words :

- ESB
- SOA
- JBI
- Web Services

PEtALS is a fast and reliable Open Source Enterprise Service Bus which provides a first class infrastructure solution for Service oriented Architectures.

Innovative

As the cornerstone of the Information system, PEtALS provides a natively distributed architecture which enables an agile and interoperable approach for an efficient management of information flows across extended organizations.

Industrial Class ESB

Built on standard and open technologies, PEtALS supports all the non functional aspects of service exposition outside the application domain:


- Service Level Agreement (SLA)
- Loosely coupling between service consumers and providers
- Service access rights and usage audit
- Synchronous and asynchronous transports
- Robustness and scalability
- Monitoring and administration

PEtALS is a complete solution which provides a rich set of communication and integration features. Users can customize and extend these features to create the integration solution that best fit their specific business needs. PEtALS agility is guaranteed by the Component Development Kit (CDK) which enables easy and fast development of new integration components.

PEtALS also provide an Eclipse Plugin to allow developers configure easily and quickly PEtALS components and behavior.

SOA-Enabler

PEtALS is one of the major components of the comprehensive middleware suite delivered within the OW2 SOA Initiative. PEtALS is the cornerstone of a Service Oriented Architecture, which includes other leading OW2 projects such the Bonita workflow manager, the Orchestra BPEL engine and the eXo Platform portal.



Project Name

- PEtALS

Category

- Enterprise Service Bus

License

- LGPL

Community

- EBM
WebSourcing
- INRIA
- Orange Labs
- Openwide

Professional Support

- EBM
WebSourcing and many IT services companies within European market

PEtALS Enterprise Service Bus Architecture

PEtALS allow you to deploy components and services through a distributed environment in order to **virtualize** these components and services.

Java, EIP and BPEL engines provides you with a flexible and scalable solution to integrate your applications, to manage message exchanges and make your system match with SOA patterns.

PEtALS is based on Java Business Integration® specification from Sun® JCP initiative, and EBM WebSourcing is member of the official Expert group that defines the evolution of this standard.

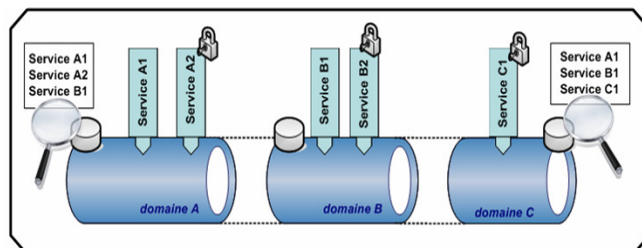
PEtALS is made for :

- Integration server for A2A
- Exchange and interoperability platform for B2B with clustering and HA features
- Distributed SOA infrastructure

Key Features

- Standards: Java, XML, WS*, JBI, SCA
- Connectors: SOAP/HTTP, REST/http, Ftp, JMS, EJB, JDBC, Mail, files, ...
- Integration components: BPEL, EIP, XSLT, Rules Engine, workflow engine
- Available under LGPL license

EBM WebSourcing provides consulting and training sessions, as well as support subscriptions for both development and production environments, in order to make your investment durable.

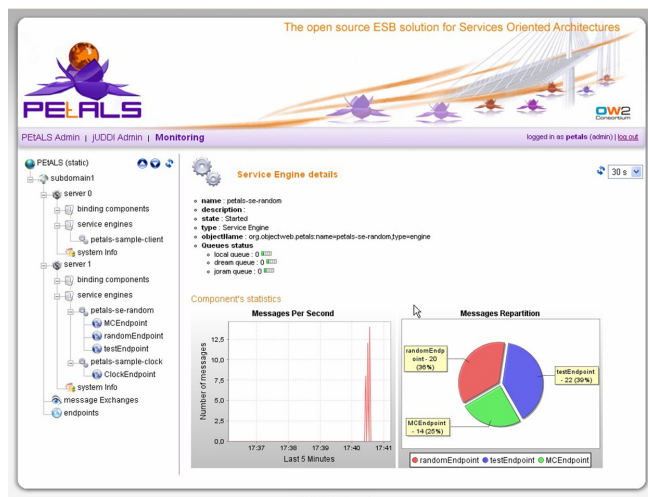


A distributed architecture for availability and reliability

Thanks to its specific distributed infrastructure, PEtALS enables the creation of a virtual bus across all Information Systems resources, with a domain based management and the corresponding security features.

Packaged PEtALS tools

PEtALS provide both Eclipse and Web tools for creation, configuration, and management of your service infrastructure. Eclipse plugins are provided to develop new components and configure their deployment.



Professional Support



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OW2

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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 Lombos, Sync4j, eXo Platform, XWiki, SpagoBI and JOnAS. Several of the 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>.**

