

## FEDERID

*Identity Management and Federation Software*

*Key Words:*

- SSO
- LDAP
- SAML2



**Project name**

FederID

**Category**

Security

**License**

AGPLv3  
GPL

**Community**

- LINAGORA
- THALES
- ENTR'OUVERT
- ISTASE

*FederID is the first identity management and federation free software, based on Liberty Alliance and SAML2 standards to offer a secure Single Sign On infrastructure.*

### *Identity problems*

People accessing digital resources rely on digital identities, consciously or not. In fact, this is the case for any entity requesting access over information networks, e.g. mobile phones or standalone applications. Digital identities are used by applications for access control and accounting, and by users to announce who they are.

But a user is not defined by a single identity, one can use almost as many identities as resources requiring accesses. This can be an issue for organisations, which have to manage multiple identity repositories, or for users, who have to remember multiple passwords.

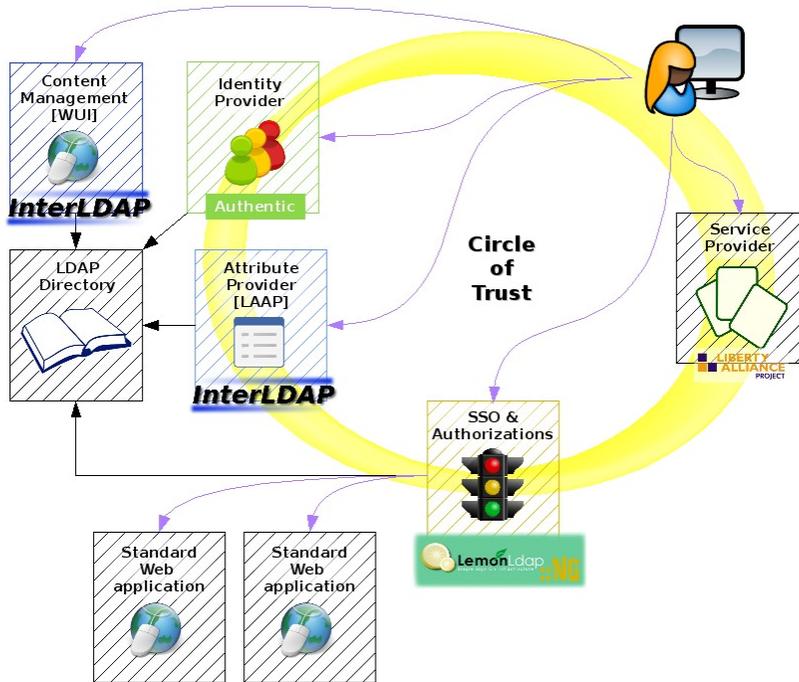
### *A real FLOSS project*

The developments done for federID are all under free software licenses and published on projects forges, mainly hosted by OW2 consortium.

FederID, it is also the integration of existing free software, known for their functional wealth and improved security:

- Lasso: library for Liberty Alliance, SAML2 and ID-WSF2 protocols.
- Authentic: identity provider based on Lasso, complying with SAML2 and Liberty Alliance ID-WSF 1.2.
- LemonLDAP::NG: web application firewall with graphical management console and LDAP based authorization, using SAML2 authentication.
- InterLDAP: identity management, provisioning, web service attributes sharing.

## Project Architecture



## Key Features

- LDAPv3 compliant
- Liberty Alliance and SAML2 compliant
- Attributes sharing by HTTP headers (WebSSO) and Web Services (ID-WSF2)
- Centralized WebSSO applications access and configuration
- WebSSO graphical management console
- Proxy Identity Provider
- Enhanced schema and advanced access rights for LDAP content management

## What about federation?

We have based our developments on the OASIS SAML2 specifications. SAML2 describes a federation architecture allowing a user to access resources in an organisation in which it possesses an identity but also in other organisations which are their partners. It allows Single Sign On processes and also identity attribute propagation inside and between organisations. It is what is called a federation. The big picture is that SAML2 and Liberty Alliance specifications ensure the user of his privacy and his approval for each step in the process.

Professional Support



<http://www.linagora.com>



<http://www.entrouvert.com>



<http://www.thalesgroup.com/>

## 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 Lomboz, Sync4j, eXo Platorm, 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>.*

