Authentic 2, a multiprotocol and free identity management platform

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Authentic 2, a multiprotocol and free identity management platform

Mikaël Ates

Entr'ouvert
Lasso
Authentic
Demonstration

Mikaël Ates
Entr'ouvert

1.1

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Outline

Authentic 2, a
multiprotocol and
free identity
management
platform

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1 Entr'ouvert

2 Lasso

3 Authentic

4 Demonstration

1.2

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Entr'ouvert

- www.entrouvert.com
- Free software (GNU GPL and AGPL)

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Lasso

- Library that implements SAML2 and IDWSF2.
- Written in C.
- Rely on openssl, libxml and xmlsec.
- Bindings written for the langages Python, Perl, PHP and Java.

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Lasso

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Lasso

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Demonstration

- First commit on 23rd march of 2004.
- Liberty Alliance conformance event from December 4th to 8th 2006, the version of Lasso tested was 0.6.6, that gave the release 2.0.0 on the 16th january of 2007.
- Current version is 2.3.6. (21/12/20011)

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Authentic (1)

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- SAML2 identity provider and IDWSF2 Discovery service using Lasso.
- Written in python over the Web framework quixote.
- Deployed in production
- Development from 2006 to 2011.

1.6

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Authentic 2

- Project started in 2010 to replace Authentic (1).
- Written in python over the Web framework Django.
- Multiprotocol and identity management platform.
- Deployed in production as a SAML2 SP in september 2011, version 1.9.1.
- Current release is 2.0.0

1.7

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Authentic 2

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- SAML2 IdP, SP and proxy using Lasso.
- SAML2 Identity Provider Discovery Service Protocol and Profile should come soon.
- IDWSF2 discovery service may be back one day.

1.8

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Authentic 2

- OpenID provider and relying party using Django-authopenid 0.9.6.
- We are studying OpenID connect.
- CAS 1.0 and 2.0 Authentication server.

1.9

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Authentic 2

- Support one time password (OATH).
- Support HTTPS client side authentication.

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Authentic 2

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- Attribute management at SAML2 SSO.
- Coming soon for OpenID.

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- Authorization management with SAML2 coming soon.

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Demonstration

- Demonstration
- Try also www.identity-hub.com

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