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What was OpenID 1.1?

- An identity authentication system
- A protocol
 - gratis, libre
- Not a service or company
 - not Passport
 - not TypeKey
 - not Sxip
- Survives if companies turn evil or go out of business



Why Was It Developed?

lame



- No authentication was way too common
- Comment spam
- Auth interop
 - LiveJournal
 - TypePad
 - Movable Type
 - WordPress
 - DeadJournal

Name:

Email Address:

URL:

Remember Me? ☐ Yes ☒ No

Comments: (you may use HTML tags for style)

Preview

Post



Design Goals For Auth

- Low barrier to entry
 - Works with static HTML pages
 - Decentralized
 - Understandable identity (a URL)
 - No new namespace
 - No public keys (key revocation, etc...)
 - No SSL required
 - No browser plugins
- Most simple protocol possible
 - Other needs layered atop



What is OpenID 2.0?

- An identity system framework
- Multiple protocols
 - Discovery (Yadis)
 - Authentication
 - URLs
 - i-names
 - Messaging (DTP)
 - Profile Exchange (Many layered atop DTP)
 - ...
- Still not a service or company
- Open community development within the incubating Apache Heraldry Podling



Design Goals For OpenID 2.0

- Identity 2.0
 - User Centric
 - Internet Scale
 - Privacy Protecting
 - Community Driven
- Framework of interoperable specifications
 - Handful of twenty page specs versus one one-hundred-fifty page spec
- Extensible
- Interoperable



How's Auth Work?

- Proves “who” you are
 - You own a URL or an i-name
 - One-time assertions w/ digital signature
 - See openid.net for specs, libraries, etc
- Not a trust system...yet
 - Spammers can/will/have setup OpenID Authentication servers
 - Better than the state of email today
 - Trust/reputation providers can easily build atop the OpenID framework



Why URLs as identity?

- Already the convention
 - Comment by Matt at 7:23pm
 - Mouseover to see which Matt
- Users don't understand public keys
- Users don't understand namespaces
- Users associate email addresses with spam
- Users do understand URLs
 - 10+ years of billboards and TV commercials
- You can click them
 - Tangible



Deployment

- Relying Parties
 - Six Apart's blogging properties
 - Zoomr
 - ClaimID
 - Opinity
 - PeopleAggregator
- Patches / Active Development
 - WordPress
 - MoinMoin
 - Drupal
 - phpBB
 - MediaWiki
 - Mailman
- Identity Providers
 - *MyOpenID.com*
 - *VeriSign Lab's Personal Identity Provider*
 - *GetOpenID.com*
 - *Videntity.com*



Code!

- Free libraries
 - PHP
 - Perl
 - Python
 - C#
 - Ruby
 - Java
 - C++



Questions?

www.OpenID.net

www.OpenIDEnabled.com

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