Pieces of some puzzle

REFEDS / I2MM
A twisting ma(c)e of passages...

- entity categories
- mdx
- LoA Registry
- DiscoJuice+accountchoosser.com?
- attribute type registry?
entity categories
entity categories

http://macedir.org/

<md:Extensions>
  <mdattr:EntityAttributes
    xmlns:mdattr="urn:oasis:names:tc:SAML:metadata:attribute">
    <Attribute
      xmlns="urn:oasis:names:tc:SAML:2.0:assertion"
      NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri"
      Name="http://macedir.org/entity-category">
      <AttributeValue>http://example.org/category/dog</AttributeValue>
      <AttributeValue>urn:oid:1.3.6.1.4.1.21829</AttributeValue>
    </Attribute>
  </mdattr:EntityAttributes>
</md:Extensions>
mdx spec
MDX

- Attempt to finalize draft-lajoie-md-query
  - https://github.com/lajoie/md-query
- Issues
  - tagged-based queries
  - capability discovery
  - multiple entities
  - 400 vs 500 error code
- Discuss on mdx-list
  - mdx@lists.iay.org.uk
LoA Registry
LoA Registry: The problem...

Applications need a way to discover trust frameworks and their published LoA definitions.
and the obvious solution...

Do an IANA registry of course!
draft-johannsson-loa-registry

- IANA registry for Level of Assurance Profiles
- Status
  - Tim Polk (NIST and 800-63 author) document shepherd
  - In final IESG review
  - -06 will be mostly minor nits from -05
Experiences from the IETF process...

- Individual submissions process pretty easy
- Sensible (if non-trivial) IPR
- Results in stable referenceable documents
- Rough outline...
  - publish I-D
  - socialize in your communities
  - revise I-D based on feedback
  - find a shepheard
  - do PROTO write-up and do an IETF Last Call
  - wiggle through the IESG
  - $done
Attribute Registry
Yes its a little bit crazy...

- IANA registry for attribute types?
- There is a requirements draft...
- Discussed at the ISOC identity ecosystem workshops
- Heather, Jamie and Leif are writing...
Discovery (again)
DiscoJuice + accountchooser = ?

- DiscoJuice
  - common domain + javascript + cookie

- accountchooser.com
  - common domain + javascript + html5 local store
conceptually...

- metadata aggregator
- json metadata
- browser
- js library
- accounchooser.com
conceptually...

metadata aggregator

json "over" mdx

align with OpenIDC metadata

json metadata

browser

js library

accounchooser.com
issues for accountchooser@OIDF...

- relax ties to email address
- metadata format for discovery
- discovery hints from SP
  - eg "must be LoA3 and in edugain"
- must be possible to run on own domain
Proposal

The R&E community should engage with the accountchooser WG @ OIDF to make accountchooser + an optional DJ backend a viable option for (interfederation) discovery.
The fun-with-branding activity...

- A couple of mappings to OIX FICAM LoA1 have been published
- SWAMID is working on Kantara mapping
Preliminary conclusions...

Few gotchas

- Insurance requirements
- Specific jurisdictional requirements

Nothing really bad...
Q&A