Purpose
- Add support for federated authentication to RDAP

Approach
- Based on OpenID Connect and OAuth
- Leverage public and private Identity Providers
- RDAP operators are Relying Parties
- Use authentication information to make client authorization and access control decisions

Open Topics
- Non-browser clients
- Ongoing policy development
Purpose
• Add support for bootstrapping of entity queries

Approach
• Build on existing RIR practice
• Create an IANA registry for entity tags
• Add tags to entity object names
• Associate tags with service URLs

Open Topics
• Need to add Implementation Status section
draft-fregly-regext-rdap-search-regex-00

• Purpose
  • Expand RDAP search capabilities using a commonly implemented solution

• Approach
  • Add a new search query parameter (searchtype=regex)
  • Specify path segments for search using POSIX extended regular expressions
  • Use base64url encoding for regular expressions

• Open Topics
  • None known

• IPR Disclosure
  • https://datatracker.ietf.org/ipr/2908/
Implementations

• https://rdap.verisignlabs.com
  • “Thin” experiment using .cc and .tv
  • draft-hollenbeck-regext-rdap-openid-02
  • draft-hollenbeck-regext-rdap-object-tag-01
  • draft-fregly-regext-rdap-search-regex-00

• https://vtrdap.verisignlabs.com
  • “Virtual thick” experiment using .cc and .tv
  • draft-hollenbeck-regext-rdap-openid-02
  • draft-hollenbeck-regext-rdap-object-tag-01