

draft-hollenbeck-regex-rdap-openid
draft-hollenbeck-regex-rdap-object-tag
draft-fregly-regex-rdap-search-regex

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draft-hollenbeck-regext-rdap-openid-02

- 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

draft-hollenbeck-regext-rdap-object-tag-01

- 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-regex-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
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 - “Virtual thick” experiment using .cc and .tv
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