IETF86 Weirds Implementation Test Report

Jean-Philippe Dionne <jean-philippe.dionne@viagenie.ca>
Simon Perreault <simon.perreault@viagenie.ca>
Marc Blanchet <marc.blanchet@viagenie.ca>
Test Framework

- Alpha status, but already with nice results!
- Written in javascript using node.js
Implementations

- Clients
  - Rdapper ([https://github.com/jodrell/rdapper](https://github.com/jodrell/rdapper))
  - Curl!
Implementations

- Servers
  - rdap.org
  - apnic (http://www.apnic.net/apnic-info/whois_search/about/rdap)
  - centralnic
    (https://www.centralnic.com/registry/labs/rdap)
  - cnnic (http://rdap.restfulwhois.org)
  - Lacnic
    (http://restfulwhoisv2.labs.lacnic.net/restfulwhois/)
Remarks

• Items in remarks are sometimes represented by \n or items in array.

• "notices" : [ 
  
    "title" : "Service Level",

    "description" : "The RDAP service is currently an alpha quality product. CentralNic makes no warranty

• 

    "title" : "Terms of Use",

    "description" : [ "line 1", "line 2", 

•
HEAD vs GET

• One instance reported a different error status for HEAD vs GET request
content-type

- Some instances require an explicit mime-type in the « Accept : » header. The spec should clarify what is the default mime-type.
- Do the «;level=0 » in the accept header should match the « rdapConformance » label?
- application/json, application/rdap, ...
Error Response

- Some servers return an error response in html instead of json
- The mime-type of the response should be in relation with the mime-type of the Accept header?
Date formats

- Date formats not conform to RFC3339. The autnum example in « draft-ietf-weirds-json-response » is not conform.
Unicode

- Two implementations returned non-ascii characters in the "entityNames" property, but had no "lang" property associated with the record.
JSON format

- Two form of properties with no values:
  - "key": null
  - Key : ""
- rdapper displays some fields as a perl array reference
JSON format

- Two form of properties with no values:
  - "key": null
  - Key : ""
- rdapper displays some fields as a perl array reference
Toward a test plan...

• Each registry should provide
  • a list of sample records to test.
  • The command line to query
• Only one client implementation (rdapper)?