

WEIRDS Working Group

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Agenda

- Administrivia (5 mins; co-chairs)
 - Blue sheets, scribe, minute-taker
 - Quick document update
- Bootstrapping and Query Formats (90 mins; various)
- Interop report (15 mins; Simon Perrault)
- AOB (40 mins; TBD)

Design Team Report

- Met today at lunch with W3C people to talk about our bootstrapping and query syntax requirements
- Proposal is to have bootstrap file(s) that map network or name keys to locations of query servers and the query string to generate
- String may be implicit or explicit
- Examples are all name-specific, but will work for numbers as well

Bootstrap/Query Example #1

```
{  
  "weirds": {  
    "ca": "http://rdap.cira.ca",  
    "com": "http://rdap.verisign.com",  
    "org.uk": "http://rdap.nominet.org.uk",  
  }  
}
```

- Always append “/domain/” and the subject domain
- Query for “example.com” would land at <http://rdap.verisign.com/domain/example.com>
- Prevents anyone from ever using another syntax, like query strings
- Effectively an implicit but rigid template
- W3C people say this “might skate through”, but we’ll have to spend time describing why and how we’re barely within their guidelines

Bootstrap/Query Example #2

```
{  
  "weirds": {  
    "ca": "http://rdap.cira.ca/domain/{domain}",  
    "com": "http://rdap.verisign.com/domain/{domain}",  
    "org.uk": "http://rdap.nominet.org.uk/domain/{domain}",  
  }  
}
```

- Template is always explicit
- Always substitute "{domain}" with the query subject
- Query for "example.com" would land at <http://rdap.verisign.com/domain/example.com>
- Allows use of other syntaxes or paths
- Makes the W3C people happy

Bootstrap/Query Example #3

```
{  
  "weirds": {  
    "DEFAULT": "http://{service}/domain/{domain}",  
    "ca": "rdap.cira.ca",  
    "com": "rdap.verisign.com",  
    "org.uk": "http://www.nominet.org.uk?name={domain}",  
  }  
}
```

- Default template
- If a per-TLD entry is just a hostname, fill in and use the default template
- If not, fill in the specific template
- Query for "example.com" would land at
<http://rdap.verisign.com/domain/example.com>
- Query for example.org.uk would go to
<http://www.nominet.org.uk?domain=example.org.uk>
- Fully extensible
- Fully off the W3C lawn

Discussion

- Unlike the earlier templates discussion, this does not require two queries
 - Bootstrapping takes care of one of them
- For the vast majority of cases, a straight search-and-replace builds the right query
 - Simple shell scripts can use sed
- Template cases avoid an unnecessarily strict URI syntax
- Could also do, for each registry, one URI for straight queries and a different one for searches

Discussion

- Decisions for the WG:
 1. Which of the examples reflects the path the WG would like to follow? Or something else?
 2. One bootstrap file or two (names vs. numbers)?
 3. How does this affect redirects (if at all)?
 4. Are there any other outstanding issues for bootstrapping and query?

Interop Report

- Simon Perrault

AOB

- Whoever!