

SimpleContact

draft-newton-regext-rdap-simple-contact

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The Message from IETF 117: Make it Simpler!

- Names are unstructured.
- Postal info is unstructured, common elements may be given separately.
 - Country code / region code (fixes to use of ISO-3166)
 - Postal Code
 - Will add back locality as it is common in EPP.
- Complex contact information is delegated to vCard / jCard / JSContact.

Other Changes in -01

- Removed “masked” in deference to rdap-redacted. (thanks JG)
- Valid email now references SMTPUTF8 addresses (EAI).
- Guidance on how to handle nested RDAP entities.

Pending Changes

- At the request of Pawel K., the next draft may opt for the EPP like “int” and “loc” structures instead of arrays.
 - Need feedback on this.
 - If arrays are in preference order, isn't it enough for clients to know which to use and for servers to know which is int vs loc?
- Change some property names to be align with EPP (also from Pawel). Seems like a good idea.

A Proposal to Move Forward

- Most data in registries can be expressed with SimpleContact.
- But for the cases where more complex models are needed, use existing RDAP “link” structure to point to it.
- This allows RDAP to use
 - JSContact
 - jCard
 - vCard
 - cborCard (or whatever is next)

RDAP Links

```
"links":[
  {
    "value":"https://example.com/entity/XXXX",
    "rel":"self",
    "href":"https://example.com/entity/XXXX",
    "type" : "application/rdap+json"
  },
  {
    "value":"https://example.com/entity/XXXX",
    "rel":"about",
    "href":"https://example.com/entity/XXXX.vcard",
    "type" : "text/vcard"
  },
  {
    "value":"https://example.com/entity/XXXX",
    "rel":"about",
    "href":"https://example.com/entity/XXXX.json",
    "type" : "application/jscontact+json"
  }
]
```