WEIRDS Extensibility and
draft-designteam-weirds-using-http-01

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WEIRDS WG, IETF 84
1 August 2012
The Quizzical Olaf

• Should the “protocol” be versioned?
• Are there a set of core objects?
• Are there a set of standard extension objects?
• What about private extension objects?
• Can objects be extended?
“Protocol” Versioning

• Section 4.1
  – Done through media types
  – The ‘level’ parameter indicates version conformance.

Accept: application/weirds_blah+json;level=0

Content-Type: application/weirds_blah+json;level=0

• Should we drop the +json stuff?
Common Data Structures

- rdapConformance and notices (section 9)

```
"rdapConformance" : [ 
  "nrrdap_level_0"
]
```

- Related to the media type.

```
"rdapConformance" : [ 
  "nrrdap_level_0"
  "lunarNic_objs_0"
]
```
Basic Extensibility via Naming

6.2 Naming

Clients processing JSON [RFC4627] responses SHOULD ignore values associated with unrecognized names. Servers MAY insert values signified by names into the JSON responses which are not specified in this document. Insertion of unspecified values into JSON responses SHOULD have names prefixed with a short identifier followed by an underscore followed by a meaningful name.
{  
  "handle" : "ABC123",
  "lunarNic_beforeOneSmallStep" : "TRUE THAT!",
  "lunarNic_harshMistressNotes" : [  
    "In space,",
    "nobody can hear you scream."
  ],
  "remarks" : [  
    "she sells seas shells",
    "down by the seashore"
  ]
}
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The same feature allows one specification to extend objects from another specification. That is, the "names" specifications could extend objects from the "numbers" specifications.
{  
  "handle" : "ABC123",
  "remarks" : [
    "she sells seas shells",
    "down by the seashore"
  ]
}

{  
  "handle" : "ABC123",
  "nameAuthority" : "ICANN",
  "remarks" : [
    "she sells seas shells",
    "down by the seashore"
  ],
  "disposition" : [
    "registry_locked",
    "registrar_locked"
  ]
}
Prefix Circus

"lunarNic_harshMistressNotes" : [ "In space," , "nobody can hear you scream."
]

• Do we want a registry for the prefixes?
• If so, what type:
    • See RFC 5226
• EPP had none. IRIS required Standards Action.