

JSON Content Rules

draft-newton-json-content-rules

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IETF 85, APPS

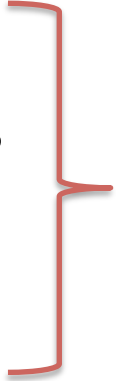
- A JSON schema language
- But not JSON, though "JSON-like"
- Primary focus is conciseness for human consumption

```
{
  "Image": {
    "Width": 800,
    "Height": 600,
    "Title": "View from 15th Floor",
    "Thumbnail": {
      "Url": "http://www.example.com/image/481989943",
      "Height": 125,
      "Width": "100"
    },
    "IDs": [116, 943, 234, 38793]
  }
}
```

```
width "width" : integer 0..1280
height "height" : integer 0..1024
root {
  "Image" {
    width, height, "Title" :string,
    "thumbnail" { width, height, "Url" :uri },
    "IDs" [ *:integer ]
  }
}
```

- Six rule types

1. Value rules
2. Member rules
3. Object rules
4. Array rules
5. Group rules
6. Any rules



Correlates to values,
members, objects
and arrays in JSON

- Feedback so far
 - Too many constraint types
 - "I don't believe in schemas & formalism"
- ABNF from Byron Ellacott

- Looking for feedback
- Needs more work