

RESTful EPP - Status

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RESTful EPP

- Mapping EPP commands to a RESTful API
- Added value:
 - Scalability
 - Performance
 - Usability
 - Security
 - Avoid fragmentation
- XML and JSON format support
- Documents
 - [draft-wullink-restful-epp](#)
 - [draft-wullink-restful-epp-json](#)

Progress since last meeting

- Working on OpenAPI spec (Hackathon)
 - JSON support including generic conversion of EPP XSDs into JSON schema
 - Client and server code can be generated from spec (multiple language bindings)
 - Working PoC for extensions support
- Working on running code for reference implementation
- Positive CENTR community feedback

Rough consensus so far

- IETF 118 Prague
 - First draft presented
 - The work is useful and important
 - There should be a split between RESTful EPP with XML representation and then evolution to JSON
- IETF 119 Brisbane
 - There is support but also a concern that proposal is not RFC5730 compliant
 - The way forward with regard to charter is not clear
- Mailing list

What is the best path forward?

The current draft is not fully compliant with RFC5730, even with XML representation. With JSON representation for sure not.

How to fit formally fit this work into the IETF process?

1) WG to adopt this work?

- Is it an extension (in a wider sense)?
- Work on WG re-charter in parallel (if required)?

2) Create a new WG (NEXTGEN-EPP)?

- Focus on a next generation RESTful EPP?
- Cleaner and no distractions by work on EPP/RDAP extensions?

Side Meeting

Thursday, Tennyson 1300-14:00

