

Bringing EPP to modern age using Restful tech @.ee

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Restful - Why?

- EPP is restricted
- XML based API - complex and hard to read
- EPP is proprietary
- EPP is difficult to extend
- Rest+Json

How: the journey

- Registrar portal
- Listing and bulk features
- EPP operations
- Registrar approval

How: the choices?

- Each resource has its own URI identifier - /repp/v1/domains
- representation of the resource
- JSON? convenient and widely accepted
- Pagination and filtering
- Rate limiting
- Caching
- Security
- Logging
- Chance to rethink the provisioning concept

Standardisation

- RPP - Restful Provisioning Protocol
- IETF charter:
<https://github.com/SIDN/ietf-wg-rpp-charter>
- Mailing list:
<https://mailarchive.ietf.org/arch/browse/rpp/>

Thank you!

Thank you for your attention!
Any questions?

- <https://internetee.github.io/repp-apidoc>
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