

RDAP in CZ

Registration Operations Workshop #8

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Software

- <https://github.com/CZ-NIC/fred-rdap>
- Distributed as part of open source registry Fred – <https://fred.nic.cz>
- Web application - Python 3, Django 2.x
- Getting data from backend using Corba interface – soon to be replaced with gRPC
 - Can be integrated with any source of data



Features

- Supported queries – domain, entity, nameserver, fred_keyset, fred_nsset
 - Our extensions registered in IANA extension registry
- No search
- Sample: <https://rdap.nic.cz/domain/nic.cz>



Deployments

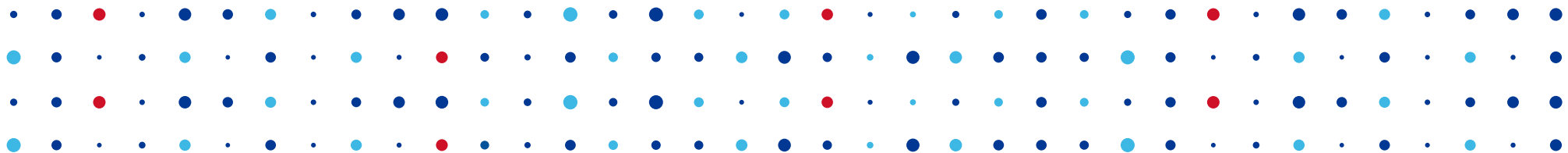
- CZ since 2016
 - first TLD in IANA bootstrap registry
- Other countries using FRED slowly follow
 - .AR, .CR, .TZ already in the bootstrap registry



Issues

- Unclear when response should be 404 or 400
- Weird specification of exdate (domain delete)
- Registrars as entities – collision with contacts
- Issues with redacted output – “fn” mandatory in jCard specification





Thank You

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