OARC30
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OARC Software Survey

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Only about Software Survey

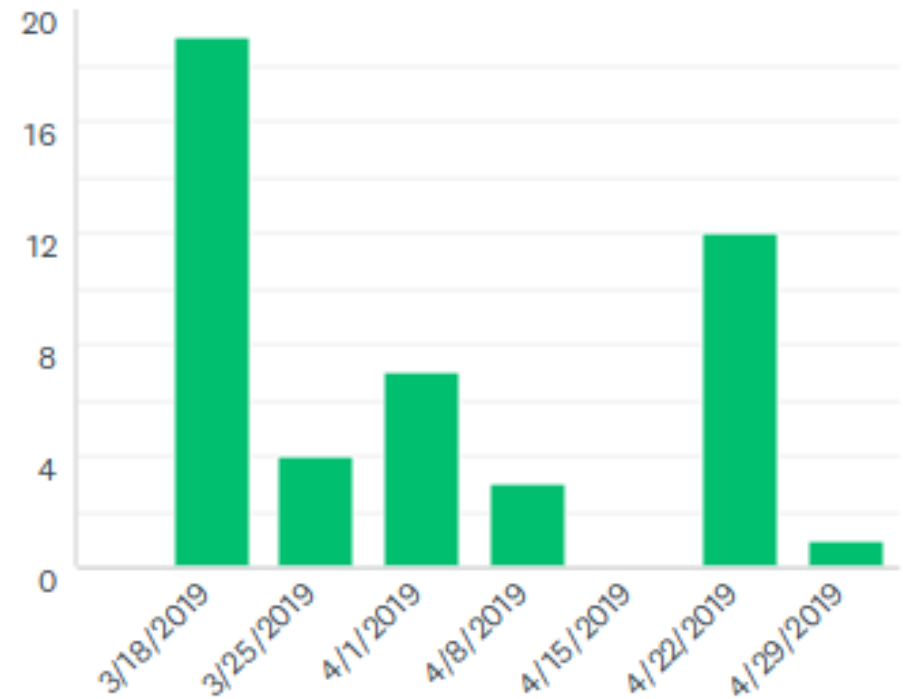Full Software Report, written Survey Report, Info Sheet and more, on Indico:

https://indico.dns-oarc.net/event/31/contributions/697/

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Survey Responses

- 46 responses
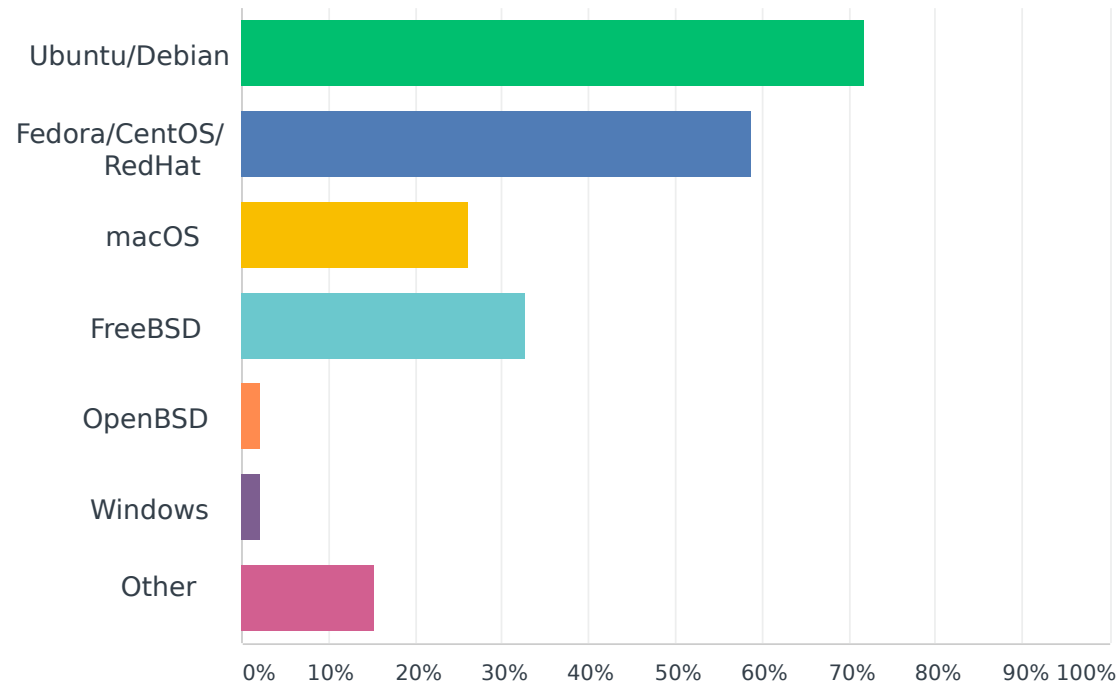
- 33 members (34%)

- 100% completion

- Avg time: 2m 15s

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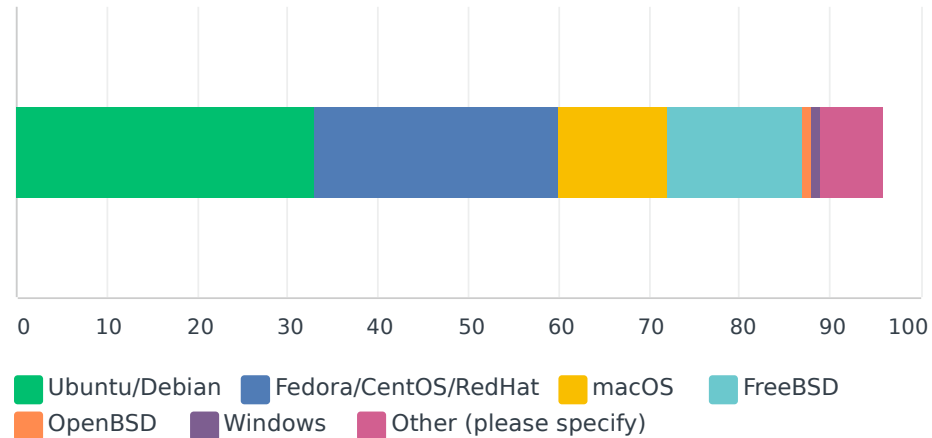
Q1 Which platform(s) do you run DNS software on?

Answered: 46 Skipped: 0

Q1 Which platform(s) do you run DNS software on?

Legend: Ubuntu/Debian, Fedora/CentOS/RedHat, macOS, FreeBSD, OpenBSD, Windows, Other (please specify)

Q1 Which platform(s) do you run DNS software on?
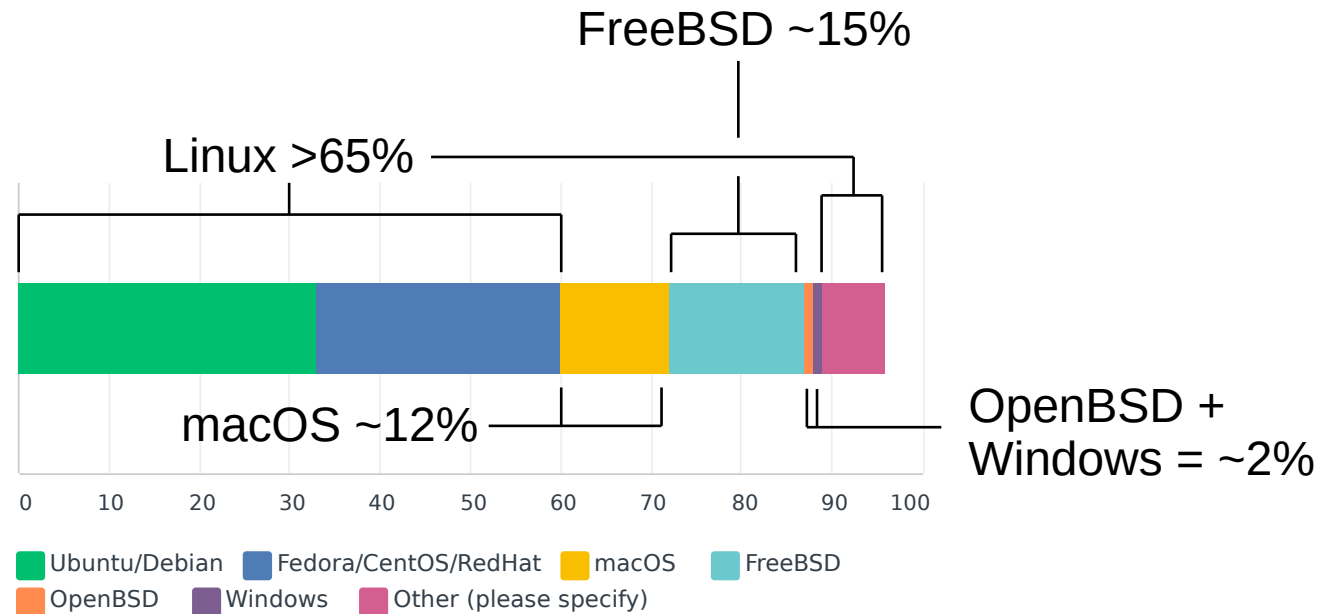
Q1 Conclusions

- Linux is the majority platform for our members
- Sorry, going to drop OpenBSD
- A few are using Arch Linux (majority of Other)

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Q2 How do you install software on these platform(s)?

Answered: 45 Skipped: 1

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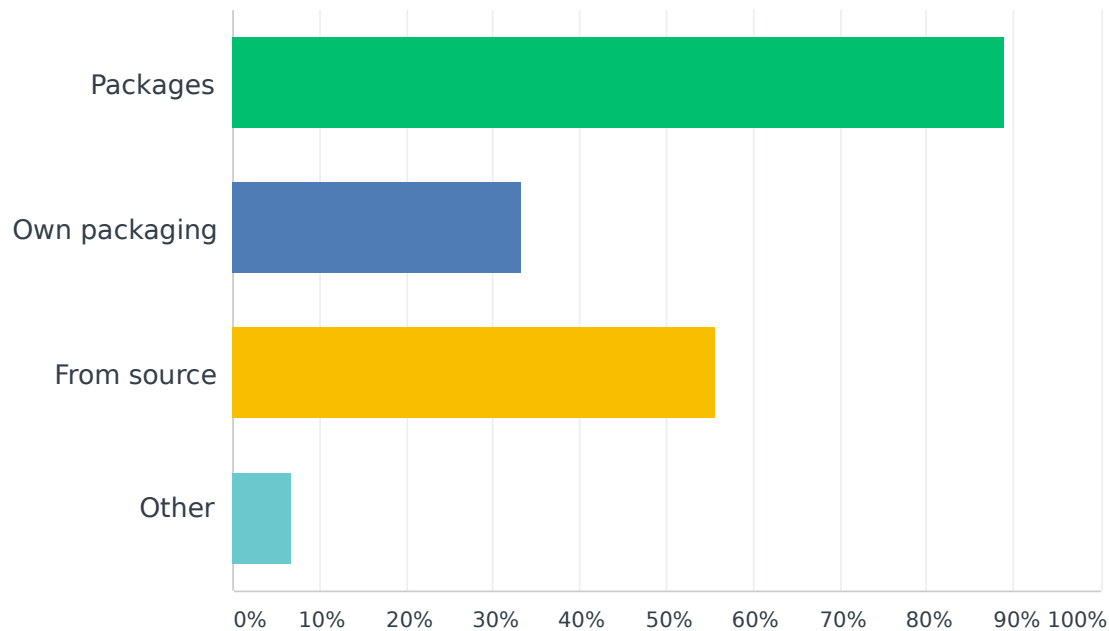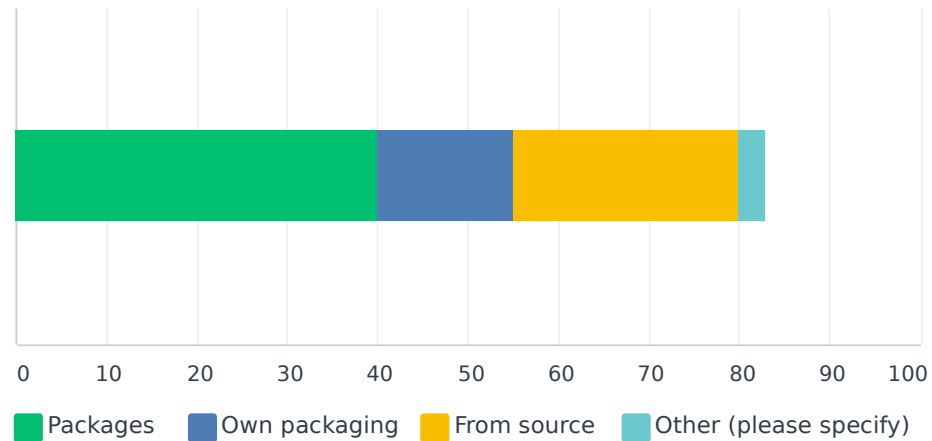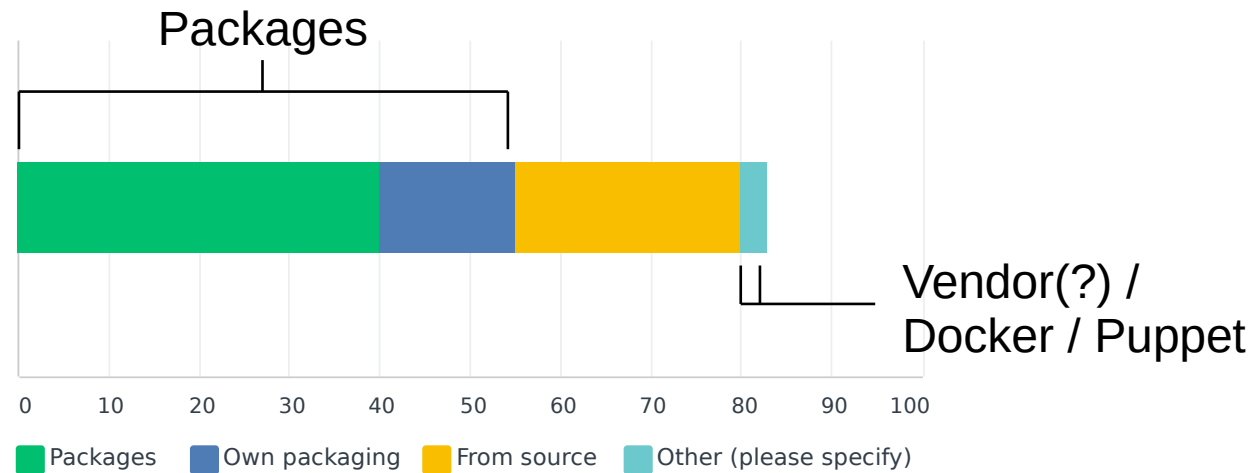Domain Name System Operations Analysis and Research Center

Q2 How do you install software on these platform(s)?

0   10   20   30   40   50   60   70   80   90   100

■ Packages   ■ Own packaging   ■ From source   ■ Other (please specify)

Q2 How do you install software on these platform(s)?

Q2 Conclusions

- Packages WINS!

- Need to automate package building

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Q3 Do you use?

Answered: 40 Skipped: 6
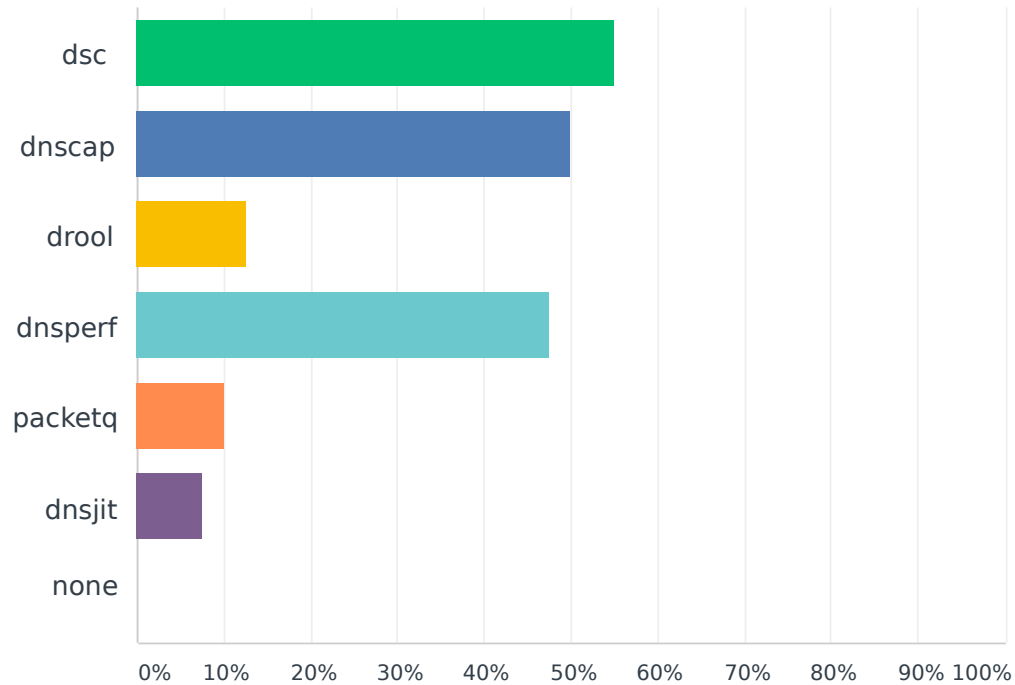
Q3 Conclusions

- No surprise really
- dsc, dnscap and dnsperf are main tools
- dnsjit and drool are still in development (alpha)
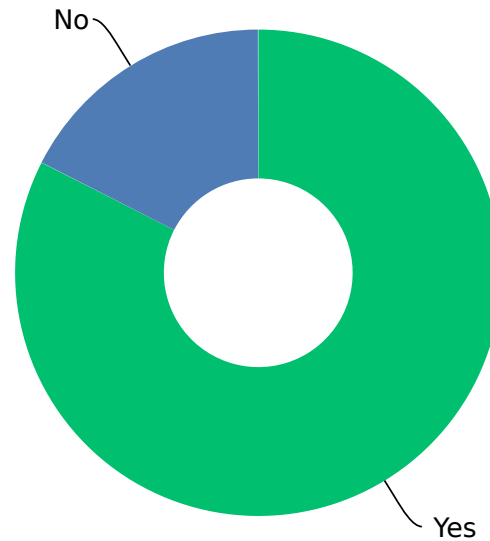
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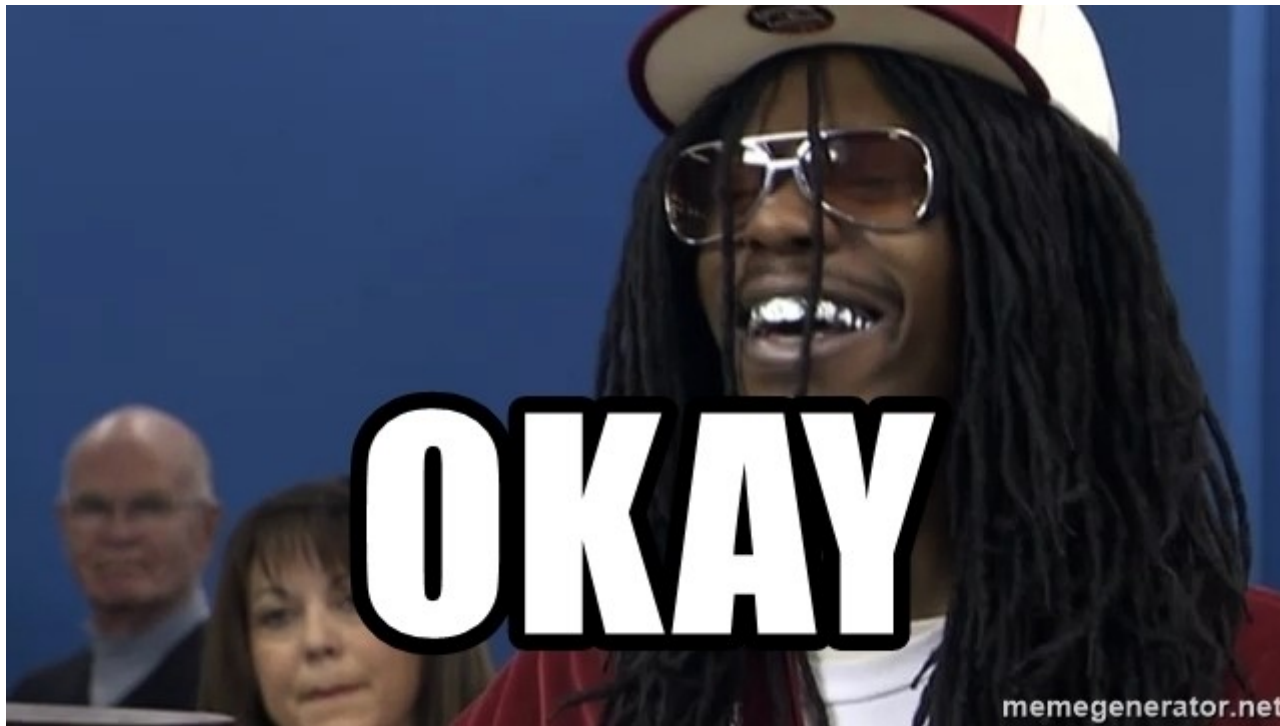# Q4 Would dnstap support in any/all software be useful for you?

Answered: 40 Skipped: 6

No

Yes

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Q4 Would dnstap support in any/all software be useful for you?
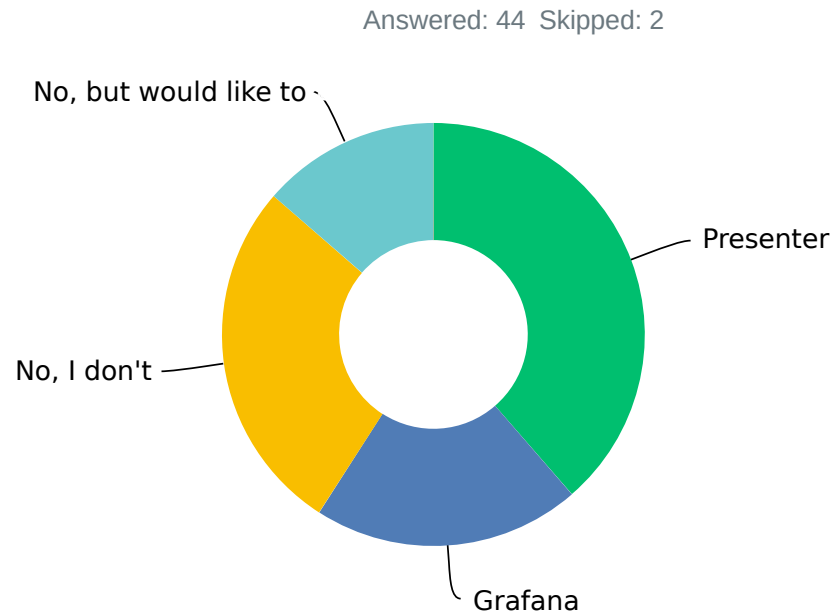
Q4 Conclusions

- libdnstap * NEW *

    - Will create a library for DNSTAP

    - Uses libfstrm and protobuf-c

    - Interface for threaded and non-threaded apps

    - Interface for hooking into event engines

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Q5 Do you visualize DSC data using?

Answered: 44 Skipped: 2

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Q5 Conclusions

- Happily surprised at how many use Grafana!

  – Feedback please :)

- We have guides for all-in-one, multi-node and Grafana (links in last slide)

- Please contact me if you need any help
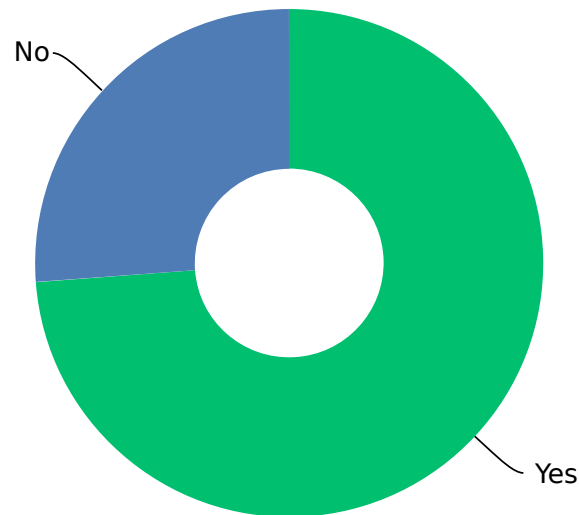
  – There is possibility for on-site support

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Q6 Would search and analytics engine for DSC be useful for you?

Answered: 42 Skipped: 4

No

Yes

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Q6 Conclusions

- Next "hot new" major feature?

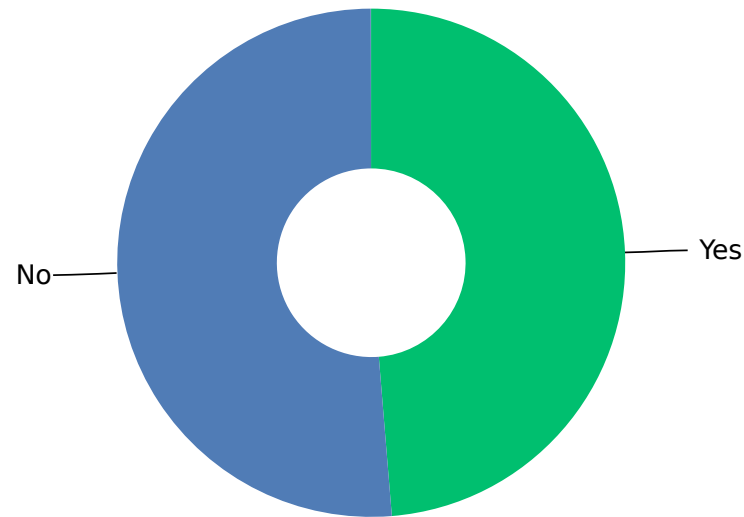- Need to think, plan, design

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Q7 Would message queue support for DSC be useful for you?

Answered: 39 Skipped: 7

No

Yes

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Q7 Conclusions

- Some feedback on unclear use-case
  - Think different way to move around XML files
  - Collectors/bridges could be created to support old processing
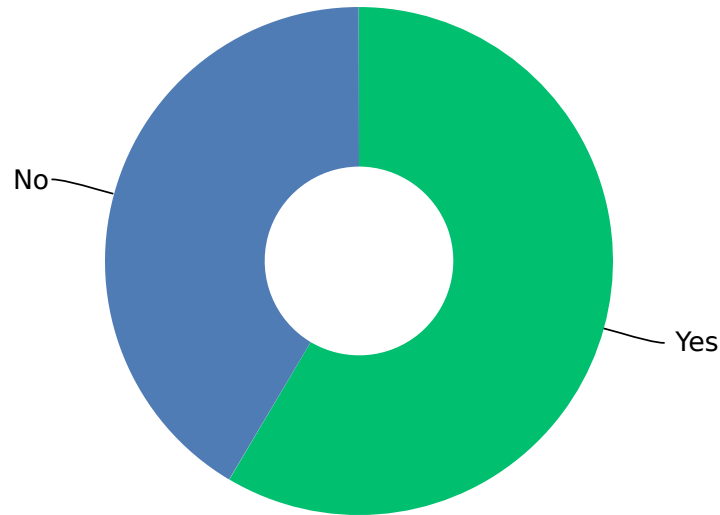- Put on hold for now...

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Q8 Would any of these features make you start using… ?

Answered: 41 Skipped: 5

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Q8 Conclusions

AWESOME!

I'll get working on it ASAP

Cheers!

Guides

- https://github.com/DNS-OARC/dsp/wiki/All-in-One-Setup-Guide

- https://github.com/DNS-OARC/dsp/wiki/Multi-Node-Setup-Guide

- https://github.com/DNS-OARC/dsc-datatool/wiki/Setting-up-a-test-Grafana

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