



GeoNetwork
open source

GN Meeting 2020

Summary



Your feedback

From today's survey

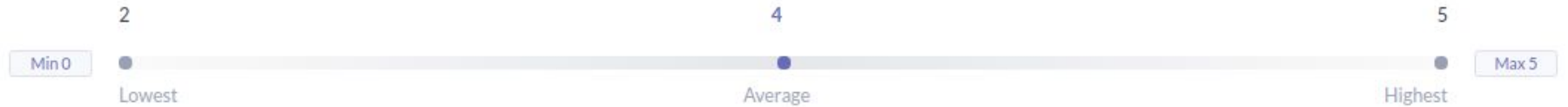
28 participants

Version 4

Q1

After this morning presentation, how much enthusiastic are you about version 4?

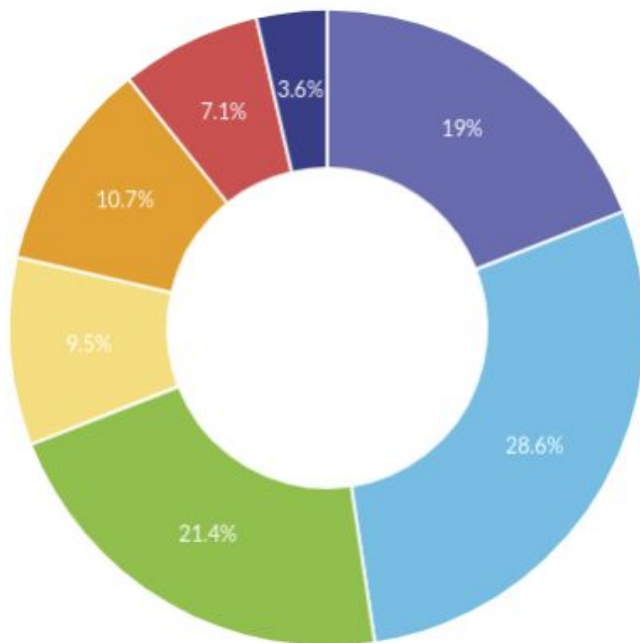
Scale



Q2

What are the 3 most important points that would make you adopt that version?

Multiple Choice



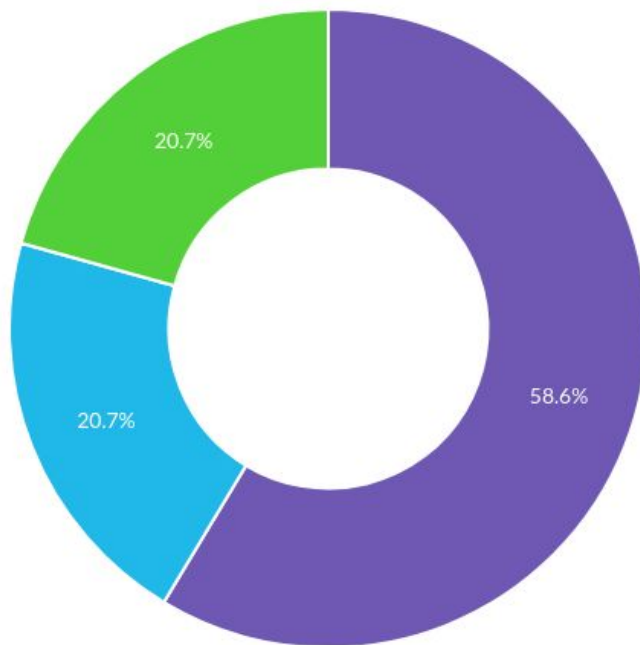
Choice	Total
Improved and more relevant search	24
Improved facet & configuration	18
Better performances	16
Dashboard capability with Kibana	9
Improved control on results score	8
Clustering capability with Elasticsearch	6
Other	3

Choice	Score	Average
API / INSPIRE / OpenSearchDescription	75	2.78
Harvester / CSW / Check on resource identifier	73	2.7
Admin / Batch process (not editor > Batch editing)	67	2.48
Link / Service & dataset / Support for remote operatesOn records	67	2.48
Multilingual support	67	2.48
Search / Protocol / OpenSearch	66	2.44
API / Directory / Collect entries from records	65	2.41
Indexing / Configuration for different languages	64	2.37
Search form / Advanced form	64	2.37
Search form / List active filters	63	2.33
Indexing / Spatial / Support for bounding		

Q5

Microservices / Is your project suffering from a performance or modularity point of view?

Multiple Choice



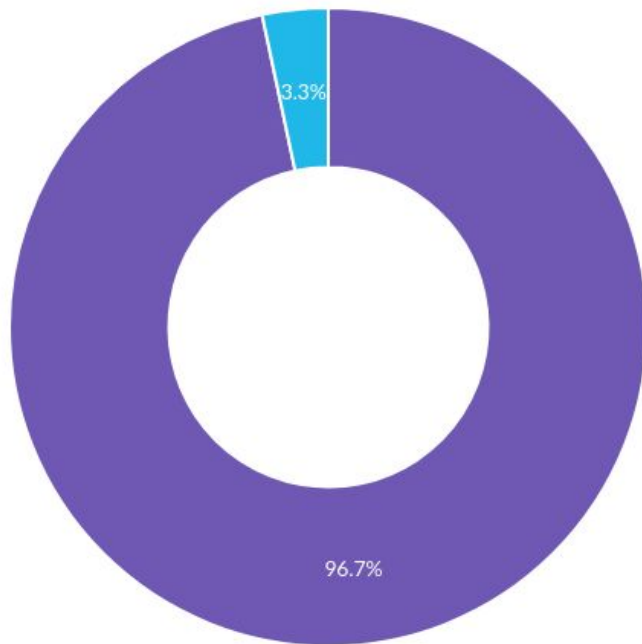
Choice	Total
No	17
Yes	6
If yes, on which components?	6

Breaks down at intervals,
probably related to
harvesters or being
harvested

One for editing and one for
Harvesting / CSW (because
of index-problem)

Administration task (batch,
indexing,...) performance

Slow edits



Choice	Total
Yes	29
No	1

Microservices / What are the priority components?

Choice	Score	Average
Harvesting machine	108	3.86
Search service	107	3.82
Editor	103	3.68
CSW service	100	3.57
Indexing machine	96	3.43
Thesaurus service	94	3.36
Formatting machine (ie. record view and export)	94	3.36
Link checker machine	88	3.14
Batch editing machine	87	3.11
WFS feature harvesting machine	69	2.46

UX/UI

Q8 - UX/UI / What sounds the most important in the move to a new UI?

Choice	Score	Average
 Better accessibility	112	3.86
 Lighter page loads	111	3.83
 Use a more recent framework	106	3.66
 Better code base quality	103	3.55
 Improve performances	102	3.52
 Themes (with CSS variables)	94	3.24
 Pre-rendered pages	92	3.17
 Embeddable mini apps	90	3.1

UX/UI

Q9 - UX/UI / Which components to concentrate on first?

Choice	Score	Average
● Search components	122	4.21
● Record view	111	3.83
● Permalink management	92	3.17
● Mapviewer	83	2.86
● Data downloading	75	2.59



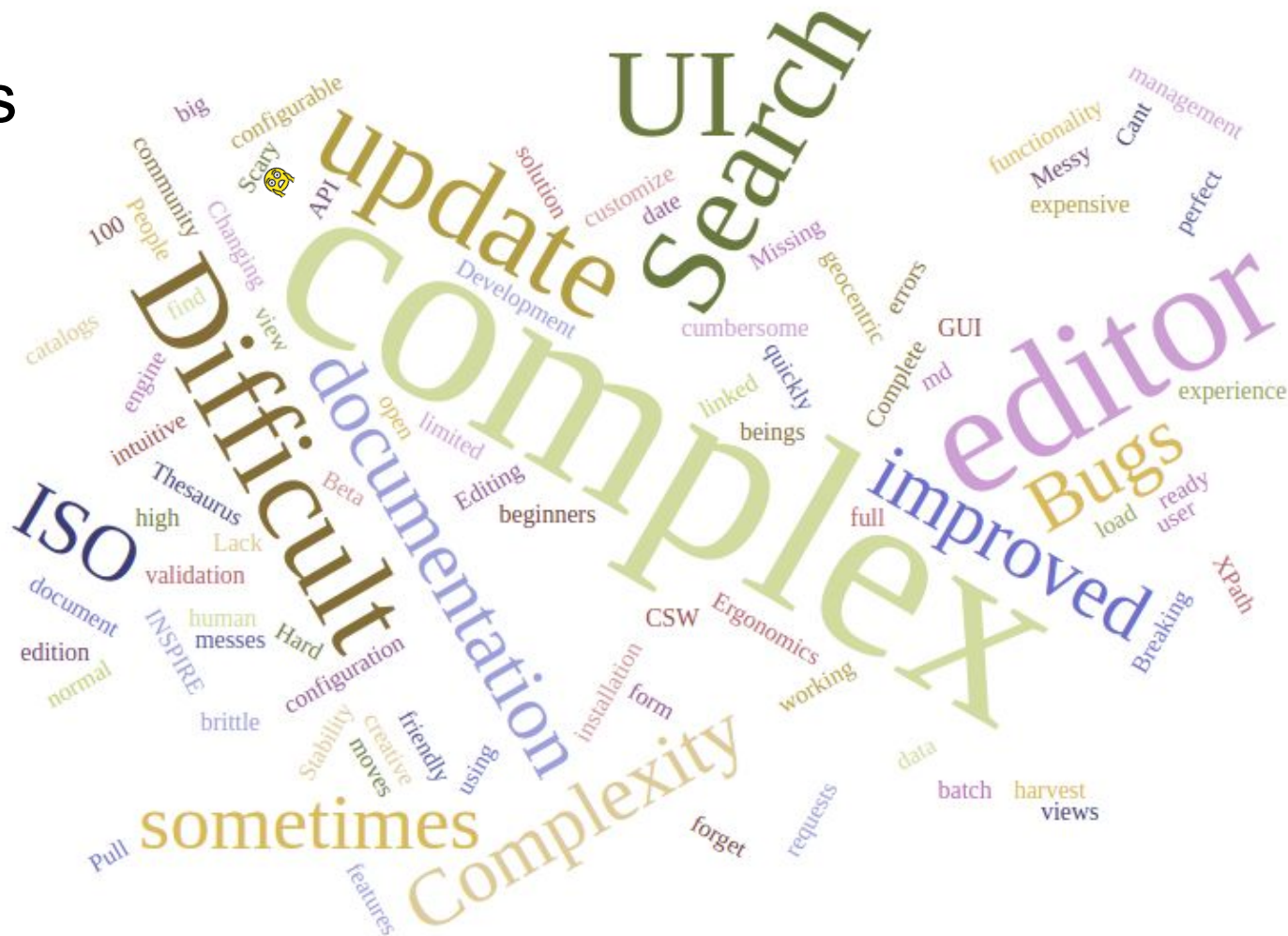
Your feedback

From the pre-meeting survey

Pros



Cons



Some items reported a couple of times ...

Harvesting open data catalogue - [Experiment tested with CKAN, OpenDataSoft](#)

Standard plugins / DCAT-AP, EML, HNAP - GeoCat is working on [making standards easier to plug in](#) the system

Batch edits - [Check the doc and add your examples](#), spreadsheet like editing ...

Easier editing - [Editor is fully configurable](#) but can probably still be easier

[OGC API Records](#) - Draft implementation may be funded soon by EEA

More modularity - Clustering, Search API module

Web Accessibility

Share accessibility evaluation reports (eg. [FI](#))

GeoCat (@Michel Gabriel) made improvements in 3.x branch ([with Dutch National Institute for Public Health and the Environment](#)) - and probably more work needed

...

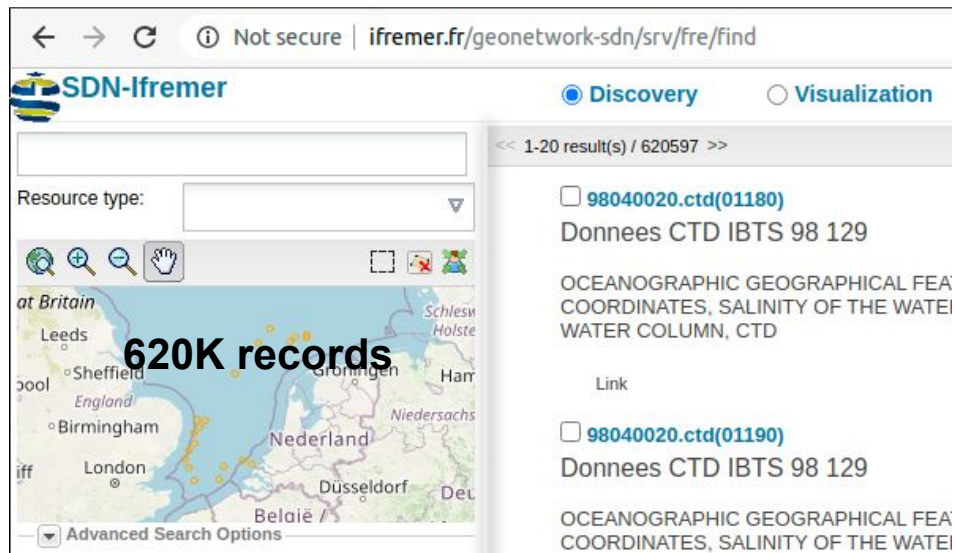
[On going prototyping](#) to start a new UI from scratch should consider that from the beginning (storybook helps testing it, CSS frameworks take this more into account eg. contrast)

Performance, large catalogue supports

Some of you are running catalogs with lots of records - maybe some experience and setup to share? - DE, FR, ...

- “Adjustments to be able to deal with so many records.”
- Some part of the apps works ok, some don't

[Something to add to the doc?](#)



The screenshot displays the SDN-Ifremer web application. The browser address bar shows the URL `ifremer.fr/geonetwork-sdn/srv/fre/find`. The page has a navigation bar with "Discovery" selected and "Visualization" as an option. Below the navigation bar, there is a search bar and a "Resource type:" dropdown menu. A map of the North Sea region is shown, with numerous yellow dots indicating data locations. A large black text overlay "620K records" is positioned over the map. To the right of the map, a list of search results is displayed, showing two identical entries for "98040020.ctd(01180)" and "98040020.ctd(01190)", both labeled "Donnees CTD IBTS 98 129". The description for these records is "OCEANOGRAPHIC GEOGRAPHICAL FEATURES COORDINATES, SALINITY OF THE WATER COLUMN, CTD". A "Link" button is visible below each entry. At the bottom of the map area, there is an "Advanced Search Options" link.

Security

Also don't hesitate to report security issues

Eg. some of you are driving automatic security checks (eg. BRGM, Eurostat)

Github.com is also reporting library update notifications (In version 4, with EEA, we are [updating to Spring 5, Spring Security, Hibernate, JPA](#)) - also a prerequisite for Java 11, OpenAPI, helps for microservices

Bump spring.security.version from 3.2.0.RELEASE to 5.3.3.RELEASE #4765

Open dependabot wants to merge 1 commit into master from dependabot/maven/spring.security.version-5.3.3.RELEASE

This automated pull request fixes a security vulnerability
Only users with access to Dependabot alerts can see this message. [Learn more about Dependabot security updates, opt out, or give us feedback.](#)

Dependabot alerts

Dependabot security updates ▾ Dismiss all ▾

4 Open ✓ 0 Closed Sort ▾

com.google.guava:guava	moderate severity
y GitHub pom.xml	
.guava:guava	moderate severity
y GitHub integration-test/pom.xml	
esImpl	low severity
y GitHub pom.xml #4764	
amework.data:spring-data-jpa	moderate severity
May 14, 2019 by GitHub pom.xml #4546	

Index fields, Batch editing, Large catalog configuration, ...

Documentation

“It’s getting better”, .. “Not up to date”

Indeed room for improvements here - We need more collaborative work probably.

Codesprint sponsored by BRGM last November.

~3 persons in 3 days made good progress.

Coming events

- [GeoNetwork online user meeting 23 June 2020](#)
- [Bolsena 2020](#) - Remote sprint

Past events

- [GeoNetwork client app building blocks codesprint 1st and 2nd June 2020](#)
- [GeoNetwork 3.99.0 codesprint April 2020](#)
- [Openlayers migration codesprint December 2019](#)
- [Documentation codesprint November 2019](#)
- [Elasticsearch migration July 2019 codesprint](#)
- [Bolsena 2019](#)



Community events

[2020 Bolsena sprint](#) will unfortunately be remote next week but is maintained



Topics for the next user meeting ?

Web accessibility

OGC API Records

DCAT

Directive EU 2016/2102

Scaling

Alternative persistence for data

INSPIRE

JSON oriented schema's (e.g. S

Update sesame to latest rdflib

OGC API Features Maps for data

EML 2.2 standard

DCAT2 Support

TG metadata 2.0.1

Adopt GeoPackage as import/export

Read / harvest open data catalog

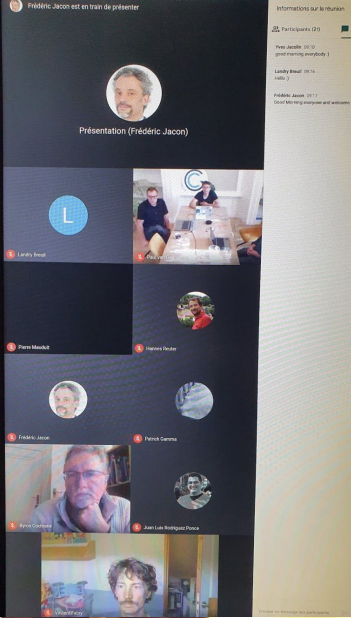
Independency of metadata content

Identification of downloadable

client API

Identification of protected data

Status



Topics for the next user meeting ?
... that we hope less virtual!





Version 3.10.3

Will be released tomorrow
(Thanks Jose Garcia)

Version 4.alpha2, 3, 4 ... will be
released depending on progress

Therefore we would greatly appreciate it if you could confirm your participation and give us information by filling out this form: <https://s.surveypal.com/JgerFXD7H> — as soon as possible. It might take 10-15 minutes to complete but your answers will be very useful for designing the best future version. The results will be shared among participants. Note that you can skip questions.

Also do not hesitate to pass the information to anyone who might be interested as well.

For more information, do not hesitate to contact frederic.jacon@camptocamp.com.

We are looking forward to meeting you soon!

Agenda & presentation

- 09:30 : [Welcome Message](#)
- 09:45 : [Session 1 : GeoNetwork 4 / User expectations? It is all about search - François Prunayre \(titellus\) and Paul Van Genuchten \(Geocat BV\)](#)
- 10:45 : [Session 2 : Architecture : going to micro-services - Pierre Mauduit \(Camptocamp\)](#)
- 11:15 : Break (15 minutes)
- 11:30 : [Session 3 : A better GeoNetwork user experience - Olivier Guyot and Florent Gravin \(Camptocamp\)](#)
- 12:15 : Lunch Break
- 14:00 : Session 4 : GeoNetwork live: Real life examples
- 15:30 : Session 5 : Plenary discussion on future collaboration opportunities
- 17:00 : Wrap up of the day



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Thank you

Any other questions?