GN Meeting 2020

Summary
Your feedback

From today’s survey

28 participants
Q1: After this morning presentation, how much enthusiastic are you about version 4?

Scale:

2  
Min 0 Lowest

4  
Average

5  
Max 5 Highest
What are the 3 most important points that would make you adopt that version?

Multiple Choice

- 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
Version 4 / Existing features not implemented. Do you need that? More details about each features can be found on this list.

<table>
<thead>
<tr>
<th>Choice</th>
<th>Score</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>API / INSPIRE / OpenSearchDescription</td>
<td>75</td>
<td>2.78</td>
</tr>
<tr>
<td>Harvester / CSW / Check on resource identifier</td>
<td>73</td>
<td>2.7</td>
</tr>
<tr>
<td>Admin / Batch process (not editor &gt; Batch editing)</td>
<td>67</td>
<td>2.48</td>
</tr>
<tr>
<td>Link / Service &amp; dataset / Support for remote operatesOn records</td>
<td>67</td>
<td>2.48</td>
</tr>
<tr>
<td>Multilingual support</td>
<td>67</td>
<td>2.48</td>
</tr>
<tr>
<td>Search / Protocol / OpenSearch</td>
<td>66</td>
<td>2.44</td>
</tr>
<tr>
<td>API / Directory / Collect entries from records</td>
<td>65</td>
<td>2.41</td>
</tr>
<tr>
<td>Indexing / Configuration for different languages</td>
<td>64</td>
<td>2.37</td>
</tr>
<tr>
<td>Search form / Advanced form</td>
<td>64</td>
<td>2.37</td>
</tr>
<tr>
<td>Search form / List active filters</td>
<td>63</td>
<td>2.33</td>
</tr>
</tbody>
</table>
Microservices / Is your project suffering from a performance or modularity point of view?

Multiple Choice

- **No**
  - Total: 17

- **Yes**
  - Total: 6

- **If yes, on which components?**
  - Total: 6

### Breakdown
- 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
Microservices / Does this approach sound like a good enhancement for your project needs?

- **Yes**: 29
- **No**: 1

96.7% said Yes, 3.3% said No.
### Microservices / What are the priority components?

<table>
<thead>
<tr>
<th>Choice</th>
<th>Score</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harvesting machine</td>
<td>108</td>
<td>3.86</td>
</tr>
<tr>
<td>Search service</td>
<td>107</td>
<td>3.82</td>
</tr>
<tr>
<td>Editor</td>
<td>103</td>
<td>3.68</td>
</tr>
<tr>
<td>CSW service</td>
<td>100</td>
<td>3.57</td>
</tr>
<tr>
<td>Indexing machine</td>
<td>96</td>
<td>3.43</td>
</tr>
<tr>
<td>Thesaurus service</td>
<td>94</td>
<td>3.36</td>
</tr>
<tr>
<td>Formatting machine (ie. record view and export)</td>
<td>94</td>
<td>3.36</td>
</tr>
<tr>
<td>Link checker machine</td>
<td>88</td>
<td>3.14</td>
</tr>
<tr>
<td>Batch editing machine</td>
<td>87</td>
<td>3.11</td>
</tr>
<tr>
<td>WFS feature harvesting machine</td>
<td>69</td>
<td>2.46</td>
</tr>
<tr>
<td>Choice</td>
<td>Score</td>
<td>Average</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>-------</td>
<td>---------</td>
</tr>
<tr>
<td>Better accessibility</td>
<td>112</td>
<td>3.86</td>
</tr>
<tr>
<td>Lighter page loads</td>
<td>111</td>
<td>3.83</td>
</tr>
<tr>
<td>Use a more recent framework</td>
<td>106</td>
<td>3.66</td>
</tr>
<tr>
<td>Better code base quality</td>
<td>103</td>
<td>3.55</td>
</tr>
<tr>
<td>Improve performances</td>
<td>102</td>
<td>3.52</td>
</tr>
<tr>
<td>Themes (with CSS variables)</td>
<td>94</td>
<td>3.24</td>
</tr>
<tr>
<td>Pre-rendered pages</td>
<td>92</td>
<td>3.17</td>
</tr>
<tr>
<td>Embeddable mini apps</td>
<td>90</td>
<td>3.1</td>
</tr>
</tbody>
</table>

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

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

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<thead>
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</tr>
</thead>
<tbody>
<tr>
<td>Search components</td>
<td>122</td>
<td>4.21</td>
</tr>
<tr>
<td>Record view</td>
<td>111</td>
<td>3.83</td>
</tr>
<tr>
<td>Permalink management</td>
<td>92</td>
<td>3.17</td>
</tr>
<tr>
<td>Mapviewer</td>
<td>83</td>
<td>2.86</td>
</tr>
<tr>
<td>Data downloading</td>
<td>75</td>
<td>2.59</td>
</tr>
</tbody>
</table>
Your feedback

From the pre-meeting survey
Pros

open source
SDI
validation
harvester
ready to use
ISO standard
interoperability

Easy Public Access to data
helpful developers
many protocols to export and import
many standards support
rapid data viz
National profiles
harvesting
publish Geo-Met
national profiles

documentation is good although
Data discovery in one-step
standardized tool
metadata management system

Key solution
Appealing UI

Graphical user interface for a
large community
large user base

Publish metadata records
Sharing data linkage

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Cons
Expectations

- OGC API records
- Improve the batch workflow
- Better search better inspire
- Custom ETI validators
- More modularity
- Website integration just by us
- Registry
- Document performance (backend does)
- Big data plotting all different
- Windows authentication security
- Ability to make drop down list
- An internal data viz tool like
- Simpler solution to adapt meta
- Improved geoparableation to geo
- Batch processing for multiple
- Faster installation guide
- Better installation guide
- Spreadsheet-like editing for an
- Improves the user interface by
- Oskari front end plug-in
- Report and statistics for catal
- Open data catalog harvesting
- EML editing
- Simpler form to add metadata q
- Template for Scientific Project
- DEAT-AP plug-in
- Improved geoparableation to geo
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?
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
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.
Community events

2020 Bolsena sprint will unfortunately be remote next week but is maintained
Topics for the next user meeting?
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.surveyplanet.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.jacq@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 Genucht (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
Thank you

Any other questions?

GeoNetwork
open source