**Meeting Objectives / Goals**

1. **To clarify very high-level scope – No design!**
2. **To prioritize deliverables**
3. **To map deliverables to a very high-level schedule**
4. **Define next steps and pre-plan for upcoming workshops**

**AGENDA**

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| **Agenda Item** | **Time** | **Leader** | **Discussion Notes** |
| Intro and Purpose | :10 | Jeff / Colin | * Current status, Meeting Purpose, Meeting Goals |
| Upgrade CKAN | :10 | Jared | * Current Status, Next Steps, Issues |
| Integrate Schema Extension | :15 | Jared | * Current Status, Next Steps, Issues |
| NRS Requirements | :20 | Colin | * Review notes and questions on attached table * Plan for next steps |
| Landing Page data.gov.bc.ca | :15 | Colin / Dave | * Review notes and questions on attached table * Plan for next steps |
| **Improvements to Records and Record to Resource Interactions** | :20 | Dave | * POW: Next steps – BA requirements * New Resource Page Design – Discuss BA Requirements – table? * Add # of record views – needs discussion * Reconcile different map previews – needs discussion – table? * Add map layer names – definition * Add field names – definition * Add support for Frictionless Table – needs discussion – table? * Add a record graphics – needs discussion – table? |
| **Data Visualizations** | :10 |  | * Add data showcase – discussion – table? * Improve site usage time series graph - needs discussion – table? |
| **Improve Search Results and Catalogue Federation** | :15 |  | * Schema.org – Needs discussion – table? * Add support for RDF and DCAT – needs discussion – table? |
| **Replace Record Level Commenting System** | :05 |  | * Disqus – Strategy for resolving current issues * Overall commenting strategy – needs discussion – table? |

| **Scope Item** | **Description** | **Schedule** | **Estimate** | **Priority** | **Notes** |
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| **Upgrade CKAN** |  |  |  |  |  |
| * Rebase 2.5.4 to 2.7 | Review impact of upgrading to CKAN 2.7 and adapt the BCGOV CKAN extension and integration of other third party CKAN extensions used, as required. |  | Complete | 1 | 2.7 ready to go to CAD for testing, however there are some technical issues with CAD that need to be resolved  Leo has deployed the current 2.7 upgrade and there was a problem with the OFI service.  Next steps:   1. Create an enhancement to understand the error |
| * Research rebase 2.7 to 2.8 | Review impact of upgrading from CKAN 2.7 to 2.8.  Known implications are CKAN 2.8 uses Flask code framework and this may require rebuilding BCGOV CKAN extension. |  | 2-3 days  research  Estimate pending research | 1 | Be prepared to do next year.  Research needs to be done and may block any future UI/UX improvements. 2.8 provides update to bootstrap 3 from 2.  -Upgrade to 2.8 is a dependency for UI/UX   * 1. is not available – pending 2.8 availability   **Greg suggests a UX/UI study as a upstream dependency before any UX/UI work is completed** |
| * Change the CAD environment | * Need to get details rom Leo and Jared |  |  | 1 |  |
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| **Integrate Schema Extension** | Benefits of this extension include the ability to change the core record schema without needing to change the CKAN data model and BCGOV extension.  Schema changes are required to support federating content to Canada CKAN.  Schema changes are required to meet some NRS requirements. |  |  | **1** | Onboard and moving along well  Jared is homing on the end goals. Estimate is there is a week left. Working through the application schema. |
| Combine to a single schema | Do analysis on the 4 schemas to determine what fields can be integrated |  |  |  | Follow up with Jared on details  We need to have a further conversation with the editors  UI inplications  Next step: BA work to investigate options |
| **NRS Requirements** |  |  |  |  |  |
| * Add SPATIAL\_DATA\_TYPE to core BCGOV schema | e.g., point, line, polygon, raster, lidar – OR consider using explicit spatial data types where available | Dependency on the schema extension |  |  | 1.What do you mean by core schema?  CN> BCGOV schema – we have spoken of rationalizing to only having one  2. Because the scheming conversion isn’t complete, integrating the NRS requirements now may be a risk? (Unless you only want it in geographic schema)  CN> need to discuss  3. What are the timeline expectations on this? Can it wait until after the scheming is complete?  CN> after scheming complete  4. is there a replacement for the original NRS requirements document? Is the email the requirements?  CN> email replaces original doc  This is the only one that has been committed to so far  Next steps: waiting for the scheming to be completed? |
| * Add SOURCE\_DATABASE to core schema | Need to be able to identify the source of the data, e.g., BCGW, OSDB |  |  |  | Need to re-add the UI  Needs more technical analysis  Next steps: 1-2 hours to investigate if the changes are programmatic or are there other implications |
| * Enable Last Refresh Data to source value from a REST web service API | Need to be able to update the refresh date and time on a frequent interval, e.g., 15 minutes.  Updating the CKAN element is not practical because it takes a record audit snapshot each time that will not be sustainable.  API specification needs to be developed in consultation with stakeholders.  Depends on NRS provisioning an API that meets spec.  Catalogue record resource API sample can be used for proof purposes. Assumes the field Last Refresh Date (and time) will be used – if not feasible, another field may need to be added or another approach considered. |  |  |  | Next Steps:   1. Review the requirements document to see if there was a previous design 2. H3 will wait for the outcome of the conversation from H3 –estimated date:   We want the NRS team to provide the date and we’ll design from there |
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| **Landing Page data.gov.bc.ca** |  |  |  |  |  |
| * Remove visualization carousel and add a link to Data Showcase | Everything on existing land page moves up to fill the void left behind. |  |  |  | Need more clarity – BA work to design?  CN> yes – progressive elaboration when we get to this on schedule  Next steps: design and develop (H3) |
| * Add subject icons and link to catalogue filtered on subject | Depends on subject categories being finalized and implemented. |  |  |  | We need to understand what is meant by subject and icons  CN> subject categories matching Web content metadata categories which are a subset of fed categories (which I just heard are not rationalized yet so dependency…) Icons to follow suit – source TBD.  Next Steps: dependent on the design of sector to subject rationalization.   * Pending Work with editors to align the changes (mapping) * Reference Github issue 153 |
| Convert Sector categorization to Subjects | * The subjects need to be integrated into schema * once the subjects are populated, the sector will be hidden * Remove sector capability for UI |  |  |  | Next Steps: Work with editors to propose and finalize the subjects (see above) |
| **Improvements to Records and Record to Resource Interactions** |  |  |  |  |  |
| * POW/OFI Integration | Replace MOW with POW. | Early January |  | 3 | We need more clarity around requirements and expectations before we can estimate $ and schedule. Reference Dave’s initial design – should Jeff work with Dave on the requirements?  CN> yes, Dave and Terry Lanktree  Dave has completed initial design on gogs.  Next Steps: evaluate and ensure that we understand and can implement Dave’s prototype (H3)  H3 to submit design options  Some wire-framing should be completed |
| * Design a new resource page with less clutter and better use of whitespace. Ref. data.gov | Mock up options are needed.  Ref. <https://data.london.gov.uk>, <https://www.data.gov>, <http://open.canada.ca/en/open-data>, <https://datasf.org/opendata>, <http://geohub.lacity.org>, <https://open.alberta.ca/publications>, <https://www.europeandataportal.eu>   * London uses accordion on record page in favour of separate resource pages. * London shows “industry standard” icons for resource formats in search results record summary along with quantity of a given format. * Remove unnecessary text from search results to reduce noise, e.g., “Record Last Published” becomes “Published” and “Record Last Modified” becomes “Modified” * Alberta uses tabs: Summary, Details and Related to organize record level content. * Providing the option for an editor to associate (link to or upload) an image to a record could help improve interpretation of search results and could also be reused in showcase and in other ways.  If image not used for a particular record, the space is available to other content vs. using a generic placeholder image. * Add optional alert to the top of a record page.  Can be used for “Archive” and other warnings applicable to the dataset as a whole.  Avoids this content needing to be added into description or title. * Europe refers to “Resources” as “Distributions” – the latter may be more to the point and less ambiguous. * Europe uses national flag icons to differentiate datasets supplied by member countries.  We would need something similar if BCDC was to harvest from other catalogues. |  |  |  | We are prepared to do the mockups based on this and the UX feedback document. Do we have a free hand to design and submit initial design for review? BA time to drive requirements  CN> probably – but when work is scheduled to happen  -Implementation dependent on the 2.8 upgrade  Next steps: move forward with the mockups |
| * Add number of record views and resource downloads to the record page and its search results summary | Data providers and consumers will both benefit from this intelligence. |  |  |  | Is this analytical data? i.e. going to google analytics?  Where do you expect to apply this info (API, front end display, etc)  CN> need to discuss  Next Steps: determine the source of the metrics (google analytics) design and develop  Dynamically display on resource page |
| * Reconcile different map previews available throughout Catalogue | Reduce the variety of technologies used to render map previews within the Catalogue – ideally landing on one. |  |  |  | Ckan has several. Depending on the resource/file type. In Ckan there are 1-2 map views internally plus Geoview which is an installed extension on the instance. Likely needs a BA to work with editors to id formats for mapping. There isn’t a single map previewer that does all types. This would be custom development  CN> need to discuss  Next Steps: perform analysis to determine what if any previewers can be removed  Needs internal review – H3 on standby for now |
| * Add map layer names | WHAT IS THIS? |  |  |  | CN> Need to discuss (might be an artifact)  The layer names as captured by what’s in the MPCM system |
| * Add field names | WHAT IS THIS? |  |  |  | CN> Need to discuss (might be an artifact)  The business field names as captured by what’s in the MPCM system |
| * Add support for Frictionless Table that defines resource-level data dictionary | Proposed implementation (by Leo):   1. Data provider submits data pkg as frictionless specs to git repo (GOGS) 2. DataBC accepts git pull request (QA), webhook imports into Catalogue 3. Catalogue viewer extension provides friendly view of the package (like API specs console integration)   The frictionless package needs to be accessible to consumers (so git vs. gogs?) |  |  |  | If we accept this proposal, it needs to be spec’d (BA work)  We have yet to do any research on frictionless  CN> Alternate approach to consider is loading frictionless package as new record resource.  CN> need to discuss  Possibility of accepting packages (JSON) to drive the frictionless table  To determine fields when we receive a non-structured file (txt)  Feeds into security design to pre-process data into frictionless tables  Next Steps:  1.Jared to do initial research to see what’s available in the CKAN community  2. How do we implement it - analysis  3. how do you make it look good? |
| * Add a record graphics tile | Option to add record level graphic “tile” that can be displayed on the record page and other locations, e.g., visualizations, carousels, etc.  Option to add record level icon graphic that can be displayed in search results and other locations suitable for smaller images. |  |  |  | Copy of record level improvements |
| **Added Dec 18th via email request from Colin**  Gracefully handle situations where the OFI API is not available.  Default would be no download permitted. |  |  |  |  | Feedback from Dave (via email thread)  I agree.    This is an excellent feature to add, though it needs more definition.           Quickly we want the geo resource page to fail gracefully           We don’t want it to fail silently: there should be some mechanism of alerting us that OFI is failing    To clarify; this was in regards to what was pointed out in our meeting with H3?  That DLV cannot connect to the BCGW?    I’ll explain my understanding of the problem then I’ll raise some questions:    **How I think it works:**  In Delivery, operating in OpenShift:           From in the catalogue, when navigating to a resource in a Geographic record, and           before the resource page can be displayed,           a server side connection of made, through the dwds-ofi API – this connection must be made to determine Authorizations “whether the user has the privilege to view or download the resource”           because DLV is running in OpenShift it operates in a distinct network zone.           The Zone is not able to route traffic through to the zone the DWDS is operating in.           This is because admins of the network that DWDS is homed in have not granted access.           The API call is originating from the CKAN server in OpenShift and it fails, ungracefully.           This ungraceful failure is what causes the page to fail horribly.    It would be helpful to have this mapped out in a picture and documented so that it’s not just in Leo’s head (if it is)  Do I have this described correctly? |
| **Data Visualizations** |  |  |  |  |  |
| * Add Data Showcase | Ref. <https://data.london.gov.uk> |  |  |  | Don’t see specific data showcase on the site. Can we get some clarity on this? Will need BA work to spec and review with team  CN> the site is the showcase masquerading as a data store. E.g., click on Transport icon and you see a sample of visualizations appear. That is the experience we are considering for a new showcase tab. Much to discuss and I am leaning heavily to finding ways for records to auto-generate content vs. having to manually create showcase content (possibly involving as “display in showcase” editor checkbox, etc.  Next Steps:  Integrate with mockups |
| * Improve site usage time series graph to roll up to ministry level and make more accessible | Usage stats are currently available but not easily discoverable or accessible.  Org level is too granular and needs to roll up to ministry/agency.  COALFILE outlier needs to be dealt with in some manner. |  |  |  | Does this relate to the google analytics report? Need more clarity and likely some Ba work to design  CN> yes – that report. Can discuss.  Next Steps  May need to be completely replaced  Perform research and outline options – Ministry team will take away and may develop internally |
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| **Improve Search Results and Catalogue Federation** |  |  |  |  |  |
| * Add support for Schema.org | To improve third party search engine results (e.g., Google) |  |  |  | Not started research yet. Need to sync in with David and his latest findings. Likely a BA role to drive requirements and design  CN> to be discussed.  Next Steps: Jared and Dave to complete research  Needs a strategic decision on how data is federated? Search engine or other Ckan sites?  Next Steps: |
| * Add support for RDF and DCAT | To improve metadata discovery and interoperability |  |  |  | CN> to be discussed. |
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| **Replace Record Level Commenting System** | To be determined, if Disqus integration cannot be fixed. |  |  |  | It can be fixed. The more relevant question is: what is the strategy for commenting? If it’s disqus, we can fix it – need estimate/sow?  CN> to be discussed.  Next Steps: investigate whether we can replace disqus with a simple input form? |
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