2012 ScienceBase Release Notes

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ScienceBase Catalog 2.21, Released 12-20-12

**Bugs:**
- Need ability to sort Tags
- CatalogMaps fails to create WFS for footprint on item with a TIF
- Investigate if CatalogMaps gets refreshed when permissions are edited

**Improvements:**
- Non-project child item of BASIS project inheriting incorrect information
- Use new national map background service

**Stories:**
- The BASIS+ harvester inserts keywords into a vocabulary specific for BASIS+
- Run Google Analytics to determine what percentage of SB users are using IE
- Add a feature to the form to manage IDs associated with items
- Additional information displays all of the relevant information I want to see
- As a Data Manager I can launch a task to automatically match item parties to directory parties within the scope of a folder or harvest run
- As a Product Owner I want to quickly view site analytics
- On the Advanced Search, I understand what the Lucene Query is for and find it appropriately
- Rollback changes made on child items under User folders
- Handle bounding boxes when layer names are specified
- As a ScienceBase user I would like to see a representation of the bounding box for an item displayed on the Preview Map
- Evaluate the Jericho library for improving the quality of the “cleanBody” plain text conversion of the HTML body
- Search Facets for Tags with Type, Scheme
- My ISO output was exercised in a compliance validator
- NGGDPP harvest - Alabama Thin Section Samples
- NGGDPP harvest - Alabama Vibracore Samples
- As a data admin, I can CRUD the vocabulary terms
- The NGGDPP harvester adds a static text string into a field
- Harvest Iowa State Geological Survey field notes for NGGDPP
- Advanced Search -> search WKT geometry generating Unexpected System Error

ScienceBase Catalog 2.20, Released 12-06-12

**Technical tasks:**
- As a Data Manager I would like an interface to launch a task that will match parties within a folder in catalog to parties in directory
- As a DataAdmin or API user I would like to see a task result page that has useful information about the task outcome
- Create controller/scrap for parsing WMS XML to JSON
- Make an ajax call to populate WMS fields
- Create a service account for each unique harvester
- Use the unique service account associated with the harvester instead of the global "harvesterui" account
- Add a harvester level ACL for restricting permissions
- Use the harvester ACL to restrict access to pages and actions
- Accept more complex geospatial shapes as search input
• Evaluate storing something more complex than bounding boxes with items in the search index
• Store supported web mercator projection formats
• Change the MapTaglib to use WMS supported SRS for web mercator

Bugs:
• The Read More popup on Item Summary pages does not seem to be showing the rich text abstract/body
• catalogMaps generated WMS service for child items returning an error
• Unable to add an external WMS service
• On beta, click on various items in my items results in item not found
• Search results view - All tags at end of item summary doesn't work
• On Beta, click on All Tags from SB splash page results in a Grails error
• Clicking on Read More from the Community List page displays the Alaska CSC body for all items

Stories:
• Improve spatial search accuracy beyond simple bounding box intersection
• For text searches, highlight the search string in search results
• SpatialSearch: Find Items in Extent (State, County, HUC, Congression District, etc)
• Modify the Directory Matching to use folder IDs to separate contacts.
• Improve date sorting in advanced search
• As a ScienceBase User, I need the ability to sort by ascending or descending order when doing a search by date created or date last updated
• Catalog Party pages should be searching for items based on ID (when available) not on name
• Test full NGP Harvest records
• Enforce security/permissions for Harvesters
• My XML file that contains multiple items is broken into individual XML files.
• Review the results for the sitemap_k NGP test harvest.
• Logging in to my-beta as a new ScienceBase user results in a grails error
• The NGGDPP harvester uses the SB2 and the NGDDPP extension fields
• Fix styling of footprints in catalogMaps

ScienceBase Catalog 2.19, Released 11-26-12

Technical tasks:
• Change identifier search to use Mongo instead of REST
• Evaluate performance after the reindex
• MODS harvester needs to set BrowseImage type for image files when it sets up the external links
• HarvesterUI Prod OutOfMemoryError
• Change harvester JobLogs to be files instead of in memory
• Design and implement facet domain classes.
• Design and code the SB UI for the item edit form.
• Add provenance.name to MODS and RIS harvester process.
• Harvested items have wrong contact matching information.

Bugs:
• NGGDPP Extension - Collection, Purpose, Types, Groups drop downs do not work
• Footprinter showing error box upon startup and subsequently not working
• Entering an incorrectly formatted date via JSON request gives an NPE instead of the appropriate error
• All tags view for community is not showing all tags
• Clean records that have null date created field
• Unhandled spatial error in search results: Latitude 123°00.0'N is too close to a pole.
• Unable to create ArcGIS service when uploading a mpk on beta
• Author links in item summary pages are pointing to erroneous party pages
• Cannot save lat/lon coordinates for Directory item
• Request Material (How metadata tab) showing HTML tags in popup window

Improvements:
• As a ScienceBase user, when using the drop-downs in the Advanced Search window, the values in the drop-downs appear in alphabetical order
• Add the Related Links to the Item’s json

Stories:
• Add Mission Area, Region, and Program attributes for the USGS organization extension in the ScienceBase Directory
• Display all identifiers for items in the Additional Information section
• Respond to Harvester performance issues
• Create new MonitoringProtocol extension in support of loading NRMP data
• Make modifications to Pubs Warehouse MODS harvest
• When my personal space is created, my Directory ID is added as a “author” contact
• Make some initial progress on bounding box intersection searches
• Column headings are off on CSV output
• Resolve issue with date caching causing OOM errors in elastic
• Fix erroneously types attributes in PaleoFacet to strings instead of integers
• Picklists for Mission Areas and Region (for UsgsOrganizations)

ScienceBase Catalog 2.18, Released 11-09-12

Technical tasks:
• Change identifier search to use Mongo instead of REST
• Add Superseded ItemLink relationship and vocab to catalog
• Create new ItemLink type within the NGP Sitemap harvester
• Add the UI elements to catalog for both ends of the superseded relationship
• Remove superseded items from a public search
• Implement as a filter param (filter=dateRange={...}) so that it works like other filters
• Add support for dateCreate
• Add support for searching date types in item.dates like publication dates
• Remove summary as editable field
• Analyze body field in prod to determine number of items with rich text
• Locate “View in National Maps” link
• Rework Search Results UI to use filter params
• HarvesterUI Prod OutOfMemoryError
• Render an explanatory page if the user is not logged in
• Rework Advance Search UI

Bugs:
• Downloading file not logged in gives blank page (404 header) instead of a redirect to login
• Highlighted Data Owner is displayed twice on the Item Summary Page
• Make View in National Map open in a new tab
• Clean up NDC community records
• Many items without summary information
• Backspace removes all text in the advance search form fields
• Unencoded HTML being rendered into pages
• HTML being allowed into summary and automatically populated with HTML by editor
• NCCWSC Project Pages do not show changes when edits are made to the ScienceBase record
• CSW Response Issue -- repeat field returned
• Clean records that have null contact information
• Retain Date Filter selection when user returns back to Advance Search
• Searching a Community via Advance Search results in a grails error when using browser back to navigate back to search form
• Preview map on item show page no longer displays ArcGIS REST Services...
• Deeply nested facet data structures not properly marshaled to JSON
• View as ISO XML Representation link does not workAdd item on Beta is missing "how would you like to create this item?"
• "null" is appearing on the Item Summary in beta

Improvements:
• The menu of Access -> Web Links -> Web Link should be simplified

Stories:
• Search by Date Ranges
• I can find records that were recently added or updated
• Change geospatial service links and internal feature data references to use www.sciencebase.gov domain
• Create a “superseded” relationship in catalog
• A harvest does not explicitly add anything to the summary
• Harvest a large NGGDPP dataset
• Create new paleo extension for loading of Bybell data
• Harvest NGGDPP file for Maryland Air Photo Index Maps
• Run query to get total current USGS employees for organizations
• Footprinter recognizing, showing, but not saving uploaded shapefile
• Set up Nagios monitoring for the index situation
• Re-create the extensions that the Harvesting process broke

ScienceBase Catalog 2.17, Released 10-25-12

Technical tasks:
• Remove 654 items with BASIS facet from NGGDPP community
• Evaluate performance after the reindex
• Implement as a filter param (filter=dateRange={...}) so that it works like other filters
• Add support for dateCreated
• Add support for searching date types in item. Dates like publication date
Bugs:
- Category and Type tags are not being created when uploading files (ie. mpk, shape)
- Lookup for contact is showing blanks for organizations
- I can not include a URL in the From text field to point to a location for more information
- Child items are not inheriting permissions correctly
- On Multi-file upload, files do not display in the folder view until you hit refresh
- Title sorting isn't case agnostic
- Clean up duplicate parties - the obvious duplicates from the old NAB process
- Highlighted contacts in item summary pages, below summary text, are not linkable to personal profile pages
- Remove the Links folder in NCCWSC community

Improvements:
- When creating a new folder, default action should not be Cancel

Stories:
- As a ScienceBase user, I can sort search results by relevancy, date modified, and title so that I can more easily find items I need
- As a ScienceBase user, I can obtain search results in csv format (from /items/ service)
- Change geospatial service links and internal feature data references to use www.sciencebase.gov domain
- Tweak the contact matching process to handle the BASIS data better
- Evaluate ScienceBase Master Extents against NGP boundaries index
- Use the FBMS code to tie out the BASIS+ records
- Make sure all current BASIS+ items show up in ScienceBase in the correct hierarchy under the BASIS folder
- Change Communities menu item to point to live search of items with the Community facet
- Clean up Community items
- NGGDP: Resolve question on the CollectionID
- Document the mappings for the MODS harvester from PUBS warehouse
- The MODS harvester for PUBS warehouse updates records that were updated in PUBS
- Bug Fix for NGP Sitemap Harvest
- Support community features for communities which do not live directly under communities folder (nested communities)
- Elastic Upgrade
- JobTitle not being updated from LDAP
- Direction needed for creation of a myUSGS service Account to access sciencebase
- Analyze issues with Elastic throwing errors

ScienceBase Catalog 2.16, Released 10-12-12

Technical tasks:
- Update Person from LDAP now link/action
- Remove "Project" browseCategory from 14,092 items in NGGDPP community
- Reindex with LDAP updates

Bugs:
- Correct blank organization names in contact picklist
- Clicking the "Search" button on the catalog home page with no search criteria should bring back all records
- Category Drop-down list is incomplete on the metadata form

Improvements:
- Basis harvester creating some weird characters upon ingest
- On the Edit Metadata, External Sources tab, please make the Title text field longer

Stories:
- Ensure that the records in the BASIS+ archive folder are not part of the current BASIS+ harvest
- Remove ScienceBase XML rendering as not used
- Update New Mexico Bureau of Geology Contact information for all New Mexico NGGDPP records (Bulk Overwrite)
- Multi file/item uploading should generate facets, parties, etc
- Correct the MODS harvester to use the Citation extension
- Add contact type of "Editor"
- ProPages update from Lotus to AD
- Bad image reference from NGTOC
- Community list Description field - allow more characters, text is truncated
- Add a Short Cut needs to be on the Access and not Manage menu
- USGS People from LDAP instead of NAB - Additional Changes
- NGGDP Harvester - owner/contacts must be assigned to child items, coordinates must be displayed as mapped points
- Need to more clearly define a community folder vs. an item with the community facet.
ScienceBase Catalog 2.15, Released 09-28-12

Technical tasks:
- Download Link isn't the expected link
- Delete sitemap harvest throws an error
- No relationships created from NGP sitemap harvest
- Check to see if we are handling URLs in xml content correctly
- Update item link creation within the harvester to avoid missing unindexed items.
- Deactive UsgsPersons missing from LDAP or marked disabled
- Implement protectedFromLdap in UI and related services
- Rework DataUpdateService in /home to deprecate the NAB Import, but enable some updates that are still needed.

Bugs:
- Fix Harvest Manager UI Data in prod
- Secured folder is showing up when not logged in
- Create Multiple Items does not remember my destination
- Directory organization search is returning nulls

Improvements:
- Basis harvester creating some weird characters upon ingest

Stories:
- Switch Person/User data dependencies from NAB to AD
- Harvest CSA records into ScienceBase
- Rewrite the MODS harvester for the PUBS database
- Modify Catalog URL to: www.sciencebase.gov (omit "catalog")
- I can output my records in a format=ISO standard
- Fixes forNGP Sitemap Harvesting
- Hold a design meeting about the user stories for Place Names
- After the MODS harvester is executed once for a major refresh, this harvester should run daily
- ProPages update from Lotus to AD

ScienceBase Catalog 2.14, Released 09-13-12

Technical tasks:
- Add support for starts-with searching for Directory Parties

Bugs:
- Repair author ordering in harvested citations records from UCRB
- Update About>ScienceBase REST services url
- Adding an ArcGIS REST Map Service is not rendering anything on map
- Valid Weblink URI's being rejected

Stories:
- As a ScienceBase user, I can get catalog item metadata in the ISO19115-2 format
- As a Project Manager, I need a way to separate attachments loaded into a single item into separate items.
- Configure Production Geoportal for CSW
- Harvesters are not handling authors appropriately in USGS Publications Warehouse records
- As a data manager I request additional types of contacts

ScienceBase Catalog 2.12, Released 08-17-12

Technical tasks:
- I can manage Locations for a Party
- I can create a new organization
- Following Person, Location and Organization links in MyUSGS/home takes me to the new directory screens instead of the old PLOT screens
- Allow creating directory Parties from the Agent

Bugs:
- Deactivated layers disappear from legend after zoom
• Representational Point does not match the footprint location
• Unable to UN-associate item
• Pressing the GDP link tosses an error
• Unable to delete item
• Duplicate items in the BASIS Folder
• ElasticSearch stops showing created/updated/deleted items
• Why do seemingly similar items in folder display different icons?
• Community Author cannot download all files in a folder
• Item shows up on search but does not exist in database
• Secure UI elements (create, edit, etc)
• Missing NGF folders in beta Catalog
• Unable to upload multiple files on beta.sciencebase.gov
• Hardcoded value in Browse Types list of advanced search throwing an error
• NGGDPP Harvester generating error for missing property: latitude, for xml and csv files
• Reindex seems to be incomplete
• Need to HTML encode browseTypes on the advanced query form.
• Seems to be no complete way of replacing a shapefile that is part of an extension on an item
• Formatting of inputs on advanced search form is off for multiple inputs of same types.
• Correct BASIS images and metadata
• Still cannot search on BASIS ID
• Unable to Sort by Date Modified from folder
• On the folder view, the date modified actually displays the the date created.

Stories:

• Harvest all geospatial footprints from GMIS into ScienceBase BASIS+ records
• I can use a single REST service to attach a file to an existing record
• Directory-Party Agent clean up
• Write a harvest for the CRC cores database
• NCCWSC: Improve the Project extension
• Title Sorting is not case agnostic
• Footprints from BASIS+ need to be made available to ScienceBase
• Write documentation on SB website explaining access to mapping products and services
• Need Demoable agent example for Data Managers
• Revert NGGDPP records to prior to the July 17 BASIS+ harvester that munged them

ScienceBase Catalog 2.11, Released 08-02-12

Technical tasks:

• Automatically run the MangedItemParty creation and updating job
• Rework search to use Elastic and filter by ACLs

Bugs:

• Unable to move one item at a time to Same folder
• Uploading multiple files and one fails, hit retry and it gets stuck in a loop
• More/Less links for search facets not working
• Unable to Move Item
• Screen grays out during uploading process and unable to save
• New Items taking a long time to display in folder view
• Secure items showing up in public search
• Unable to remove a shortcut link
• Unable to add new folders
• Json link is missing files and service not working on Global Croplands
• Add a Tool Tip for Citation Facet
• Unable to delete folder that previously had children
• Uploaded map packages are not creating a GIS Service
• Map package service not working in National Map
• Reformat extent name block for the Help Blurb Icon

Improvements:

• Splash page: Comply with Visual Identity requirements
• All Tags link at bottom of Browse by Topic box for communities needs to list topics for community, not entire catalog
• The Description text for a ScienceBase Records Appears Truncated - Not Obvious you can see it in its entirely by Clicking "More Information
• We Need More Advanced Sort Options for Citations for WECC Application
• Need CKEditor on rich text description field on Person and Organization form
• Improve error handling in the HarvesterUI

Stories:

• Continue Directory work
• Directory Permissions/ACLs
• Schedule the BASIS+ harvester to run weekly

ScienceBase Catalog 2.10, Released 07-19-12

Technical tasks:

• ScienceBase Directory development included the following:
  • Develop Location REST Services
  • Embed locations into the party subclass documents and support CRUD operations
  • Make USGS-Organization Attributes available as extension within Organization
  • I can create a new location
  • I can create a new person
  • I can search locations
  • Organization View (show page) with Location and USGS extensions
  • Person View (show page) with Location(s) and USGS Extensions

Bugs:

• Fix ATOM response
• "NGGDPP Collection" extension is not working
• In json search date/dateString is null
• ATOM output not working
• On External Sources tab, the Type drop-down is empty

Epics:

• Directory 2.x REST Services
• Directory User Interface

Improvements:

• Execute PROD2BETA

Stories:

• As a ScienceBase Catalog Search user, I can search for people and organizations along with data resources and other types of items
• As a data manager, I can use the UI to find names that are not linked to party pages and link them to the correct party page
• Need more sophistication in evaluating contacts for existing ScienceBase items
• Continue efforts to map the FGDC fields to ScienceBase
• Create NGP web-accessible-folder-based harvester

ScienceBase Catalog 2.90, Released 07-10-12

Technical tasks:

• DirectoryToolTips similar to PLOT
• I can view all Person records on a single form

Bugs:

• On search result page, when there is conjunction operator in url, any 'x' click on top of the filter on that page will result in Run Time Exception.
• Clicking on the show writable folders icon, removes the splash page with the exception of banner and title bar
• Catalog screens not rendering completely, only showing banner and no page content
• Interactive map will not display multiple REST services
• Uploading a MPK is failing to auto-create the extension
• Footer not showing edits
• Item summary pages are throwing an error
• Unable to update bounding box when Adding a REST service
• Uploaded mpk files are not creating a service on the GIS server
• Grails error clicking on a specific map package on prod
• HarvesterUI SB2Item errors with spatial representations
• Shape files are not displaying on map
• Cannot delete community
• Grails error accessing https://my.usgs.gov/catalog/item/4fe0f9f4e4b05d4ed81d9392
• Narratives field not parsed correctly by ItemService
• Item json all blank on JSON search.
• Advance Search: tags auto-fill not working and drop-down empty (Beta only)

Improvements:

• Limit number of shown item tags
Stories:

- As a WECC developer, I can find the EndNote records in ScienceBase
- When a raster file is uploaded, detect if it has a color map and if not, make use Bert's script
- Update HarvesterUI with the contents of the ScienceBaseHarvesterLib project.
- Investigate how the ScienceBase2API relates to the HarvesterUI.
- Create UI for Catalog ItemParty <-> Directory Agent
- REST API clients should be able to make asynchronous batch updates

ScienceBase Catalog 2.80, Released 06-21-12

Technical Tasks:

- Continue work on REST Services
- Basic Person Form
- Person Form with USGS Attributes
- Organization Form
- Make USGS Attributes available similar to a facet within Person

Bugs:

- Advance Search on Map Package extension does not work
- Advance Contact taking up the whole Contact div
- Unable to download files
- Grails error when I click on Associate Item
- Grails error when attempting to go to folder view on Beta
- Execute move results in an error condition message
- In dev (and presumably prod), opening the folders side-bar causes layout problems

Epic:


Improvements:

- Evaluate REST API performance
- As a user, I see that there is a Twitter feed I can follow
- WECC: Make the Required field Optional so that the NULLS in the source data will be accepted
- Change "View Tweets" to "Follow ScienceBase on Twitter" and add the Twitter icon

Stories:

- Technical: Switch from Morphia to the Grails Mongodb plugin for mapping between POGO's and Mongo
- Add 'Access Help' link to 'I want to' splash page box
- Directory support for common formats - inc FGDC, ISO, CIQ
- The HarvesterUI is under FORT management
- Create a ScienceBase Space for "Powell Erionite and Human Health Workgroup"
- I can use a single REST service to create a new record from a file
- Bayesian - ScienceBase setup - community space

ScienceBase Catalog 2.70, Released 06-08-12

Technical tasks:

- Implementation of additional fields in Citation facet
- Person REST Services with JSON
- Organization REST Services with JSON

Bugs:

- Footprint Studio does not load
- Unable to add contacts that are not part of the USGS directory
- Not all Advance Contact fields are Saving
- Fix the top menus CSS so it renders correctly and is lined up in all browsers

Improvements:

- Define additions to citation extension/facet mapped to MODS and EndNote XML using WECC as an example use case
• Update banner for LC Map community
• Sciencebase AMI
• Adding the Community long name hover to the Advanced Search Form

Stories:

• As a ScienceBase user, I only see the folders for which I have write permissions
• Embedded Party Model (Catalog-ItemParty)
• Edit Metadata form: remove the red warnings
• BPP Community Requests a Folder in ScienceBase Catalog
• RESSED Community Requests a Folder in ScienceBase Catalog
• As a developer, I need a more expeditious way to upload items into SB via the REST API

ScienceBase Catalog 2.60, Released 05-24-12

Technical tasks:

• Need a new SVN project for the harvester management interface.
• Add AND/OR support to the search back-end.
• Need tomcat containers for the HarvesterUI.
• Need a backup of the production data for the HarvesterUI moved into beta.

Bugs:

• Ckeditor icons don’t show up in IE
• In Metadata page, clicking on a point on item map takes user to a different window (interactive map) that shows a rectangular box with no map
• Community records in folder are not reflected in community splash page (which states: this community has no records)
• IE 7 issue with the contacts missing on the edit metadata form
• REST Deletes against prod taking 15-20 seconds each
• Search results: with new banner, small globe remains at top of screen during scrolling
• Update the ScienceBase Josso Login text to indicate to DOI users that they can use AD password (like Confluence login)

Epic:

• As a ScienceBase content contributor (author), I want the flexibility to dictate permissions for specific items and not just folders

Improvements:

• Install a new banner
• Advanced Search Form: Add Inputs for Currently Supported Filters
• In Folder View display community long name in a hover and display long name in a column on the Community Manage View
• Stop logging going into catalina.out
• Add total number of results to json output
• Replace splash page Featured Item with record: http://my.usgs.gov/catalog/item/4f4e47b3e4b07f02db49ec5d

Stories:

• I shouldn’t be able to add the same tag (in the Tags section) more than once to an item
• As an author/editor. I can edit the metadata to conform to standards
• As a ScienceBase item author/editor, I can add and manage footprints for my items directly in the metadata form instead of this being a separate process
• Tagging works like the SKIM model
• Add quick view of extents on item edit page.
• Begin design work on migrating the SB-Directory to SB2 model
• Bring harvester management interface application into the Fort world
• Basic Directory Unit/Integration Tests

ScienceBase Catalog 2.50, Released 05-10-12

Technical tasks:

• In Advanced Search, need the ability to search on Multiple Communities
• Use readable form of contact types for BASIS+ records; add SUBTASK LEADER as contact type in UI
• Enable SSL in catalog, so that https works without being redirected
• SSL only in catalog (redirect to https)

Bugs:

• Multi-Hazards cataloged records only - all links in metadata pages disappear upon mouse hover (but, links continue to work)
• When adding a ArcGIS REST service the bounding box is sometimes not updated.
• Unable to upload shape, raster, and mpk files on beta
Resource plugin issues with ckeditor paste functions
Grails error when accessing a BASIS record.
In search JSON the files URL item Id is null
SB creates WFS XML invalid for WPS processing by GDP
Sorting by title doesn't give the expected results.
ScienceBase WMS, WFS not working - in ESRI online viewer, receiving message that SB is not responding, followed by 'layer cannot be added to map'
Unable to add a web link (external source)
Try these search tips link is pointing to a deleted Confluence page, which needs to be updated
IE Styling issue in Item Summary page

Improvements:
- As a web page manager, I can request multiple, specific item types when using the REST Query form
- Contact hovers on search results page are slow
- Improve usability of item operations (move, createShortcut, etc)
- Better feedback for saving (and similar server communication)
- Need a "Search All ScienceBase" when using Advance Search within a Community
- Would like to get file size for an item from REST services...

Stories:
- As a Sciencebase user, would like the ability to select multiple communities and Item Types at once in the advanced search (shift-click style)
- As a BASIS+ user, I see all of the information I need from the original BASIS+ records
- Determine file size upload limit (if possible) so, users may be informed in Help documentation and potentially, upload windows
- Map the FGDC fields to ScienceBase
- Design continuous integration framework architecture
- Modify BASIS+ harvest to make records more usable
- Complete Harvest Management Interface and transfer to FORT for maintenance
- Improve the error reporting from JSON requests
- As a WLCI user, my rasters have a color map
- Add Help to top banner, with various links to Confluence and User Voice
- Retrieve office location information for known set of USGS organizations based on FBMS code

ScienceBase Catalog 2.40, Released 04-26-12

Technical tasks:
- Provide GeoTIFFs and Shapefiles of varying sizes for testing with GeoServer
- Change display of narratives from inline on the page to a "More Information" popup
- Clear the Body/Abstract field from all BASIS+ records
- Parse out narratives in older records to new narrative structure
- Use same form of full name throughout BASIS+ records
- Use project cost center code from BASIS+ records to set organizational contact for all projects, tasks, and subtasks
- Harvest all geospatial footprints from GMIS into ScienceBase BASIS+ records
- Provide report on active USGS organizations that are orphans
- Manually clean up USGS org structure
- Add additional FBMS codes to organization records based on review of orphans
- Verify that the Directory service search by email address works

Bugs:
- ScienceBase Project item type metadata not behaving consistently.
- Restricted items displayed in Search Results screen while not logged in
- Need to do something about character encoding
- Set a maximum allowable file size
- Upon saving item metadata, I am not directed out of metadata form to item summary page, which I would expect
- Edit metadata problem
- Barracuda WAF (beta) turning responses into 404s for non-SSL (when request have a Content-Type header)
- CatalogMaps is having issues expiring services and has frequent out-of-heap errors
- Performance issue on item/get page
- Can't add an external source
- Unable to edit a top-level folder
- Modify MultiHazards CSS code to designate the mouse-over color a different color than the current white which results in disappearing text
- Search breaks after selecting a bounding box from the search results
- Editing community settings are not saving
- Fix extent, extents, and webLinkTypeUrl links to match mappings
- Unable to upload multiple shape files to one item
- Remove Detailed Summary link if there isn't any additional summary to display
- Provenance text overflowing into center of item summary
- On Search results list, the browse to pages and Next do not work.
- ScienceBase Link on myUSGS is broken
- Beta Footprinter having issues
- Cannot delete organization record but I get no error
• Raster WCS's not working
• The Browse By Location map still shows the ESRI logo
• The More link at the bottom of the folder list does not work

Epics:
• Research option of switching to a user-based item ownership model instead of the folder approach
• Barracuda WAF (Tracking Other Issues)
• Barracuda WAF Configuration Management

Improvements:
• In ScienceBase, use consistent terminology, either tags or keywords; confusing to users to show both
• Move alternate representation links into menu
• SSO with automated login like 1.x
• Layout forced to be too wide (layout problem with content shifted too the right and scrollbars)
• Fix service capabilities for rasters
• JSON representation for ScienceBase item listing relevant, pathOnDisk, reference for child items, which cannot be parsed and used in remote applications. Need to reference entire URL for child item.
• Develop JSONP format to allow data requests from different domains and eliminate syntax errors which are showing up in new WLCI website (which is using ScienceBase feeds)
• Reword error message and add support contact links to 'Unexpected System Error' page
• CatalogMaps: bad coloring for reprojected rasters

Story:
• As a user, when I click in any bubble window, clicking outside the bubble will dismiss it
• Remove folder names from search index
• As an Uploader user, I have the ability to define specific workflow for upload
• As a ScienceBase item author/editor, I can add more than one date type to items from a controlled list so I can better describe time variables associated with items
• When adding a new item, make the "Add footprint" a more obvious step in the workflow
• Catalog Research: Evaluate alternative search frameworks
• As a NCCWSC manager, I can find my BASIS+ projects in the ScienceBase Catalog
• As a searcher, when I remove start typing a new search, the filter should be removed
• As an user, I can see a pop-up dialog of the description of a folder
• Assign consistent permissions for VC manager, author, and reader groups; authors should have uploading capabilities
• Improve the UI experience by eliminating the border layout
• As a viewer, I can drill down in a search
• Make the ATOM response and query parameters in ScienceBase search compliant with OpenSearch
• Parties: Write an agent that matches simple party names to PLOT entities
• Remove the old BASIS+ records that are no longer valid
• KML output of related resources needs some pretty big improvements
• I can find BASIS+ records by project number, project ID, task ID, subtask ID
• Modify BASIS+ harvest to make records more usable
• Research CDI work on Web Map Context in relation to ScienceBase mapping capability
• Browse Types Renames for NGP
• Cleanup SB-Directory data for USGS organizations
• Seabird_Tracking Community Requests a Folder in ScienceBase Catalog
• Seabird_Research Community Requests a Folder in ScienceBase Catalog

ScienceBase Catalog 2.30, Released 04-12-12

Technical task
• Add additional Contact support with contact matching

Bug
• Manage Permissions problems with update Write Inherited (for inheritance from parent permissions)
• About > 'ScienceBase Information' is a blank popup.
• Cannot delete item - with or without children; in Edit window, Delete button is greyed out
• Remove 'Log In' button shown on item show page when user is already log in.
• Runtime Exception in development
• External Sources type pull down list empty on item edit form.
• Improve error message when I don't have permission to access page.
• Permissions Page does not allow backspace in name field
• Community aware link building is not consistent.
• Bounding box search is broken

Improvement
• Disallow PUBLIC write permission
• Item Show Page: the header bars should be clickable to expand/collapse the section
• For SB community front pages, Browse by Topics should use tags of items contained in community instead of pre-defined, generic terms that yield zero results
• Change logging configuration for stacktraces and if possible put old logs (of standard and stacktrace) into alternate location
• Improvements to 404 not found handling
• XML, ATOM representations for an item needs to include references to files attached to item so, files (e.g., photos) may be parsed and displayed on a website
• Improve Advanced search form so it updates the search url without having to click outside the text field.
• Upgrade ScienceBase to Grails 2.0.x
• As a user, I have one clean workflow to add an item to a new community

Story

• Provide training and documentation to Working Group for Global Croplands
• Continue Development on BASIS+ Harvester
• Rewrite the NGDPP/NDC harvester to add items to SB2.0
• Move some folders into Communities instead of System (a.k.a. Provided Items)
• Unless there's more to see don't show "More" below the summary on item summary pages
• Run an analysis to clean up footprints where representational point is outside bounding box
• Display a message on catalog party pages that lets people know about current limitations
• Add download/access resource reference to XML response for individual items
• Create sandbox in beta to allow NGP folks to experiment transferring NGP records into ScienceBase
• Create drop down menu for accessing an item's Accessible resources

ScienceBase Catalog 2.20, Released 03-29-12

Technical tasks:

• Investigate the harvester performance issues
• As a data uploader, when I add a new catalog entry, I can easily preview the list of "official maps" and use it as the geospatial Where for my item
• Add support for submitting raw JSON to sendRequest
• Add support for files and XML Metadata
• Add support for Project and BASIS facets
• Run the BASIS harvester in BETA so that old records suitable for delete can be found

Bug Fixes:

• http://sciencebase.gov/catalog/Global/item/search redirects to http://my.usgs.gov/catalog/Global/item/search
• Provided Items displays items that are not from the harvest
• Detailed summary for harvested Pubs Warehouse records are coming up Null
• Popups from rich text editor in form behaving wrongly
• User can't access the footprinter
• Mongo Query needs to be secured
• Map picker (bounding box search) doesn't work on community front pages
• Changing the parentid of an item to a parent you don't have access to saves but the move isn't performed
• WLCI publication records showing up in search results, but yield Error: Unexpected System Error when selected to display item summary page
• Update ScienceBase 'About' items in top banner
• Can't create new folders
• ScienceBase Splash page: temporarily delete/disable 'Access Help' in 1st box which leads to non-existing page
• In IE footprint studio window is very small
• About-What's New in ScienceBase should go to https://my.usgs.gov/confluence/display/sciencebase/ScienceBase+News+and+Updates
• Elasticsearch is taking a long time to reflect changes to items in search results
• Tree view on Move function only displays the System folders
• Every catalog party page link I try is broken
• Grails Runtime Exception
• Uploading Zipped shape files does not prompt you to unzip at time of upload
• Search form is not encoded "+" properly for lucene query

Improvements:

• No legend and can't turn off/on layers on a REST service item
• Item names get cut off in the left-hand tree window
• Default Sorting Method on the folder view page should be alphabetical
• Provide immediate feedback to the user when they perform an operation in the folder and item views.
• Change grails.serverUrl to www.sciencebase.gov and beta.sciencebase.gov
• Make REST services documentation available on the public site
• For SB front pages of communities that have zero records, Browse by Topics, Categories, Locations boxes should be replaced by text 'No community records exist at this time'
• For SB community front pages, Browse by Category box should only list categories available in community catalog
• SB Splash page - change 'Browse by Categories' to 'Browse by Category' and 'Browse by Topics' to 'Browse by Topic'
• Can't turn on/off layers in the legend on map packages
• NCCWSC: Provide the list of project numbers
• Upgrade to Grails 2
• Purpose of ShortName field in Extensions/Saved Searches, if no longer needed, let's delete
• Add harvesterJob field in ItemProvenance
For SB community front pages, Browse by Topic box should be hidden
Change SB front page footer contact info from myusgs@usgs.gov to sciencebase@usgs.gov
Add a custom banner to the NCCWSC community
Add create shortcut actions into menu on Item page
When I am in a Community, when I click on More in the Categories box, it should display what is in the Community Catalog (not the global)
Allow uploading an SLD file along with a Shapefile or Raster extension

Stories

• Setup www.sciencebase.gov root domain in catalog
• As an Uploader user, I can tag libraries
• As a ScienceBase data manager, I can delete a context/virtual catalog so that I can remove unnecessary contexts
• NCCWSC: Get the dumps from BASIS and FMBS into Oracle
• I can embed a catalog "component" in a Drupal webpage like WLCI
• I see a static snapshot of an item's footprint
• A dynamic display of a mappable item is available using WMS
• I save a draft version of the record so that incomplete records are not added to the global catalog
• Create map-package ArcGIS Server services after upload.
• Add NGGDPP extension
• Move to AD for home and JOSSO
• Add the integration of /directory so that contacts are hotlinks and hover/popups work
• Handle ArcGIS errors when creating services from map packages
• In Catalog 1 there was a background job for checking webLinks some form of this should be performed in the new catalog
• Support other developers using REST services
• Send out an alert if the ProcessQueue backs up and stops processing jobs.
• I want to download an entire folder of data
• Splash page tweaks
• Apply new banner, menu to ScienceBase WLCI catalog pages for display in new www.wlci.gov website

ScienceBase Catalog 2.1.1, Released 03-20-12

Bug Fixes:

• SB1 having problems displaying a MPK file with multiple layers on the Interactive Map
• When the Edit Form Save fails, the user needs a visible popup error message
• Improve error messages when user creates new record, selects destination folder that user only has read-only permission
• Contact hover tooltips are not working on the catalogParty pages
• Permissions are not shown correctly throught Community Home - Edit Community Permissions link.
• Manage button pull down options not shown correctly.
• There is no text in the 'About' dialog box.
• Can not find JSON results
• Inherited permissions are not trickling all the way down to leaf items.
• The MultiHazards theme (banner) seems to be turned on for all of the ScienceBase interface
• Can't open Footprint Studio of an existing item. Got error dialog.
• Saving fails on manage permissions.
• Associate a Related Item fails.
• Problems in Footprint Studio saving new rep point and getting error now
• Deleting from an item Show page does not bring you to parent.
• Can't upload in IE
• The links for WLCI are broken
• Null pointer when viewing History
• UI text placement problem with the breadcrumb and a custom community skin
• Advanced search link from the search results page throws an NPE when 'parentId' or 'folderId' is a search param.
• Folder lookup in edit form is nonfunctional
• Remove relationship for an item on the item summary page is not working
• another broken link (WLCI, etc)
• ItemLinks page is asking for authentication on a public item
• If I access sb via my bookmark www.wlci.gov/catalog/ the permissions are empty on the WLCI top-level folder.
• Nulls in dates.label
• Mouseover link style is going white and disappearing
• GSP Error: No such property: title for class: java.lang.String (in header)
• Error related to file controller and CitationFacet
• When adding new item under Communities, I am unable to Save, triangle error image appears right of Save
• From https://my.usgs.gov/home/portal/ and click on ScienceBase Catalog, it throws a grails error
• https://www.sciencebase.gov (SSL) redirects to https://my.usgs.gov
• Missing Audit Fields for Imported Records
• Strange layout in IE
• ScienceBase incorrectly treats arcgis service facets like map packages, waiting for them to be processed
• Problem adding a date on editForm
• Menu problems
• Scrollbars in chrome
• Date ranges not working with Lucene Queries
• Add Item metadata form: Footprint Studio in 'Where' tab is greyed out but when clicked directs user to Footprint Studio
• Records in catalog have null contact names, which prevents items from being saved.
• Cannot save record with information in Who tab, error Property of class cannot be blank
• Can't upload Map Packages
Epic

- (Integrated) Browse View with ways to add, remove, link, move, manage folders/items
- Remove XWiki

Improvements

- When "Picking a Destination" should users only see the folders that they can write to? (Like SB 1)
- Make adding a Top-Level folder/Community easier
- Folders/Communities need alias names
- Update the FAQ
- Contacts should be sortable
- Hide/show tree improvements
- Communities Home Url needs to open in a separate window.
- Need to merge ChesBay and USGSChesapeakeBay folder/community
- Redirect alternate domains to www.sciencebase.gov (with community set appropriately)
- Change Folder picker tree to show writable folders
- catalogMaps should use .ovr external overlays for GeoTIFFs
- Improve catalogMaps service startup time
- make changes to Confluence Sign-Up (myUSGS) plugin
- Can't display map layers in a Flex application - may end up in the Systems queue

Stories

- As a community manager, I can assign permissions to folder to meet my community needs
- FOUR A'S: #3: ArcGIS will use an LDAP sync'ed with Active Directory
- On the Where tab, I can search, preview and select a footprint without going to Footprint Studio
- Show most recent updated records on the splash screen
- As a NCCS Pilot user I would like to view charts/graphs of model runs in ScienceBase
- Handle FGDC metadata records that have extraneous leading bytes
- Trouble unzipping/declaring file extensions for rasters