HIEv (DC21) Release Notes

Release version 1.8.02

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Contents

1 Overview

This release of HIEv (formerly known as DC21) is aimed at improving file download, packaging and publishing functionality. There are a number of bug fixes and improvements in this release plus an updated user guide.

Introductory information about HIEv and the DC21 project can be found here: https://github.com/IntersectAustralia/dc21/wiki.

Source code is available at: https://github.com/IntersectAustralia/dc21. The tag for this release is as per the Release version above. This tag must be selected during the installation process. If a later tag is available, you should check with the Intersect development team as to which tag should be used.

2 Installation Instructions

Server-side instructions for installing new or upgrading from version 1.6b can be found here:

https://github.com/IntersectAustralia/dc21/wiki/Deployment-Guide.

See additional server upgrade information in this document.

To install new or upgrade Windows PC Client upload API scripts:

https://github.com/IntersectAustralia/dc21/wiki/Setting-Up-Automated-Load-From-PC

If you are upgrading from version 1.6b, you don't need to re-run the setup scripts. Instead, you should follow these instructions:

1. Download the API zip file.

2. Extract the IntersectAustralia-restful-api-uploader-2c20fa8 folder and place this folder in the same forlder as the existing IntersectAustralia-restful-api-uploader folder.

3. Use Notepad to edit the windows_api_load.bat file "ruby" command to refer to the new IntersectAustralia-restful-api-uploader-2c20fa8 folder. For example:

    ruby "C:\scripts\DC21\IntersectAustralia-restful-api-uploader-2c20fa8\lib\run_wrapper.rb" ....

You should now be ready to run the new API uploader scripts.

3 Work Completed

Software development occurred across two agile sprints – sprint 7 and sprint 8. Refer to the sprint reports below for details.

4   Known Issues and Limitations

Known issues are listed in the accompanying sprint reports.

The focus of recent HIEv releases has been on functionality. HEIv has not been yet been fully tuned for performance and capacity:

- It is likely version 1.8 response times will begin to degrade when greater than 1,000 files are in the system.

- Browser and server-side timeouts may occur when uploading, downloading and packaging files greater than 100MB.

5   Additional Server Upgrade Information

- At additional configuration item "ip_addresses" has been added in this release, and will need to be manually added to your production configuration. Refer to https://github.com/IntersectAustralia/dc21/wiki/Deployment-Guide-%3A-First-Time-Server-Build - customise-the-application

6   Next Release

The   next   release   will   focus   on   bug   fixed   and   performance   analysis.

7   Sprint 7 Report

Summary

Sprint Number	7
Sprint Start date	25/2/13
Sprint End date	10/3/13
Planned story points	25
Completed story points	23

Stories Completed

The following stories were completed and bugs fixed in Sprint 7. Refer to the DC21/ HIEv User Guide on GitHub for functional details.

Completed Stories (16 issues)					
Type	Key	Summary	description	story points	fixversion
💡	DC21-53	As a researcher I want define a search via an API and then selectively download the results so I can run repeated searches from scripts to analyse data.	This API should have two endpoints as described below. API requests should use the authentication token (which we already use for API uploads) to authenticate. Only API actions should accept token-based authentication. **1. search** This allows searches to be done programatically. It should allow for the same set of search options as the user interface. The exact details of how they are specified should be worked out based on what is as easy as possible. The API then needs to be documented on the Github Wiki. The available search criteria are: • file dates (from and to) • filename • description • tag • facility • experiment • column	3.0	Sprint 7

			• upload date (from and to) Due to the number of possible search criteria this API may need to be implemented using POST in order to avoid the limits of a GET request. If no search criteria are supplied, all files should be returned A successful search should return a JSON file with an entry for each matching file along with it's metadata (again, details to be worked out as we go). Each file entry should also include an attribute with the URL to request to download the file **2. download** This should be a very simple request to download the file. The file contents should be returned just the same as if the individual file was downloaded via the front end. No metadata or compression. Again please document the API details.		
	DC21-238	As a user I want to know the format I can enter dates in when not using the date picker widget.	The format the date can be typed as needs to be displayed next to all date fields. Format is yyyy-mm-dd. Relevant fields are:		Sprint 7

			- Any "Date" in the explore data search panel. "Start date" and "End date" for New Experiment. "Start date" and "End date" when uploading a new data file and manually setting start/end date "Start date" and "End date" when editing metadata for a data file and manually setting start/end date Format only needs to be display once where there are a pair of dates together to avoid cluttering the interface.		
	DC21-246	As a user I want to see only the first page of my search results as many hundreds of files may be returned.	When a user initially navigates to the Home/Explore Data browse list, or after invoking a search on this screen, the system should only display the first 30 files in the list, sorted according to the default sort order. Note: the page size is currently fixed. To make this parameter configurable has been placed on the backlog. See attached very rough mock-up. Functional requirements, business rules and constraints: - Pagination only applies to the Home/Explore Data list - no other list should have pagination at this stage - The page numbers should appear in the Home/Explore header as per the mock-up. - Page numbers are selectable. If a user selects a page number, DC21 should display that page.	2.0	Sprint 7

			- The page number of the page being displayed should be highlighted. - If the user chooses a different sort order or search criteria, the pagination resets to page 1 according to the new ordering - The Search criteria (left pane) should remain visible to the user no matter which page is being displayed.		
	DC21-287	As a researcher I want Packages to be zip files in Bagit format which are self-documenting and sharable	As a researcher I want Dc21 packages to be Bagit (http://en.wikipedia.org/wiki/BagIt) serialized zip files which contain all the data files I selected in the /data directory with no sub directories, and with a HTML file that describes EVERYTHING that DC21 knows about the content in a similar way to how it is presented in the web application. See the attached test-bag(1).zip for an example of a Bagit file. The HTML file generation has been covered in DC21-412, so this just covers making the current plain zip file have the Bagit extra.	1.0	Sprint 7
	DC21-295	Human Readable metadata should be in HTML format	Make pages HTML so the URLs are clickable and go to the live system.	2.0	Sprint 7

💡	DC21-296	As a user I want to be able to select files from multiple different searches or without a search to perform actions on	The existing file checkbox features on the Home/Explore Data tab is insufficient to meet this requirement. Dc21 needs to have a shopping cart implemented to allow persistence of file selections. See attached write-up of this user-story.	3.0	Sprint 7
💡	DC21-325	Remove eye icon	We want to remove the "Eye" icon and to make links more obvious: Dashboard, Explore files - the filename should be the view link Facilities, Experiments - the facility/experiment name should be the view link User list - email address should be the view link and should be the leftmost column, should also change the pencil icon to just be a button similar to buttons on access requests page Access requests - email address should be the view link and should be the leftmost column Once these changes are done we will need to look at how we set table column width, especially for how we handles things which are too long - this relates to DC21-253	1.0	Sprint 7
🔴	DC21-399	UI - Windows7/IE9 - Text in many text entry fields is very	Windows7/IE9 User can't see full text display (e.g Lower area of "yjgpq" characters & full stops) entered in any **single line** text entry field. Workaround: Use another browser		Sprint 7

| | | low. | This is **high visibility** for Window7/IE 9 users as it affects:

1. Login
2. Sign up
3. New/edit Facility
4. New/edit Experiment
5. New/edit Parameter
6. Column Mapping Admin
7. Settings
8. User's Edit Details
9. Change password

See screenshot.

This is a duplicate of DC21 345, and was fixed on all our assured browsers, but remains an issue in IE9 (best effort/sanity check only).
Triaged 10.12.12 | | |
| | DC21-406 | As a user I want to create a package from files in my shopping cart so I can download and | See attached write-up. | 3.0 | Sprint 7 |

		publish them			
💡	DC21-407	As a user I want to publish a previously created package to secure and share it	See attached	2.0	Sprint 7
💡	DC21-408	As a user I want to be able to get a lightweight download that does not include metadata	With the addition of DC21-296, on the shopping cart, selecting the Download button will create a zip file with data and metadata. With the introduction of the new packaging format under a separate user story, the user needs a light-weight download feature so they can view DC21 files. When Download is pressed from the cart, the following should happen: ▪ If more than 5MB of file data are selected for download, the user should be asked to confirm they want to continue. ▪ If only 1 file is selected for download, the DC21 file should be created with its DC21 filename and contents at the location specified by the user. If it already exists there, the user should be given the option to create it with a new name or overwrite it. Typically, package files will be downloaded this way,	2.0	Sprint 7

			or individual data files a user wants to view. NOTE: Some browser configurations may constrain this functionality. Any constraints, along with example workarounds, should be documented in the user manual.		
			▪ If more than 1 file is selected, the zip file name should default to the filename plus extension of the first file of the selected files, listed alphabetically and have a .zip extension added (eg: file1.txt.zip). The user should have the option to change the zip file name on disk and get to choose to overwrite it if an existing file is present with that name. All DC21 files in the cart should be added to the zip file. NOTE: Some browser configurations may constrain this functionality. Any constraints, along with example workarounds, should be documented in the user manual.		
			▪ No metadata files should be created or downloaded.		
			▪ Except for system logging info, the DC21 system does not need (read: should not)to keep a record of		

			what files have been downloaded or when.		

💡	DC21-412	As a researcher I want the metadata that gets included with downloads to be in a single HTML file	We will be changing the packages to be Bagit format in DC21-287
			
			This story is about converting the current system of multiple text files containing metadata into a single HTML file called "README.html".
			
			• The HTML file should contain all the metadata that is currently provided in text files, with some extra navigation and links.
			• The HTML should be completely unstyled, and should be clean, semantic HTML.
			• The file should contain the following:
			    ◦ A table of the files that are in the package. This should have similar columns to the current 'explore data page' with some extra links:
			        ▪ A link to an anchor further down the page where the file metadata is
			        ▪ A link to an anchor further down the page where the experiment metadata is
			        ▪ A link to an anchor further down the
				2.0	Sprint 7

<table>
<tr><td></td><td></td><td></td><td>

page where the facility metadata is
- A link to download the file from DC21 app
- A link back to the "view file details" page in the DC21 app
  - A section for each of the files in the package (each should be enclosed in a <section> tag)
    - Within this section, show the same metadata as we have in the text file (lets get together to discuss exact HTML to use when ready)
  - A section for each experiment relevant to the files (also in a <section> tag)
    - Within this section, show the same metadata as we have in the text file (lets get together to discuss exact HTML to use when ready)
  - A section for each facility relevant to the files (also in a <section> tag)
    - Within this section, show the same metadata as we have in the text file (lets get together to discuss exact HTML to use when ready)
- THere should be some static information about DC21

</td><td></td><td></td></tr>
</table>

| | | | and the HIE at the top of the HTML file.

Don't forget to cater for the "Other" experiment case, and be careful about entities that only have the minimal vs full metadata

This should be done using HAML template(s) so that in future the markup can be changed by a somewhat less skilled developer/sysadmin type person (lets discuss how to do this exactly) | | |
|---|---|---|---|---|---|
| 💡 | DC21-415 | As a user I want searched panels to remain open after searching | Follows on from pagination (DC21-246)

▪ If the user enters a Search selection criteria and executes the search, the panels that have search criteria active should remain open and visible to the user. | 1.0 | Sprint 7 |
| 💡 | DC21-431 | As a user I want search criteria to be remembered during my session | Follows on from pagination (DC21-246)

▪ If the user navigates away from the Home/Explore list, or drills down to the Data/View form, the system should remember the current search critera, sort order and page number. If/when the user navigates back to the Home/Explore Data, the system should restore the user to these settings. If it is not possible | 1.0 | Sprint 7 |

			to restore the existing settings (eg: the search returns less pages), they should be reset to the default (default sort order, page 1). Note: These settings should NOT persist from one user login session to another. ▪ The default sort order should be Filename (PLEASE CONFIRM PETER, THIS IS A CHANGE TO CURRENT BEHAIVIOR)		
📄	DC21-435	Error when an upload safely overlaps an existing file that is in the cart	If a file in the cart is safely overlapped by a new upload, the Edit Cart page breaks. Steps to Reproduce: 1) Upload KW10 ROS_WS_Table05min.dat as RAW 2) Add KW10 ROS_WS_Table05min.dat to cart 3) Upload KW11 ROS_WS_Table05min.dat 4) Select 'Edit Cart' It the cart button will say '1 File in Cart' but '0 bytes'. Results in a blank page with a message: 'The page you were looking for doesn't exist.'	Sprint 7	

↗	DC21-448	Renaming of duplicate files when file has a date in the name	As part of the API scripts (which worki as expected) - the team noticed a quirk in the file renaming that occurs within DC21 (the API, not these scripts), and I'm not sure if it is behaving as expected. If the file sample.txt is uploaded, it becomes available in DC21. If sample.txt is then scheduled for upload again, it uploads successfully but is renamed to sample1.txt, because the API has detecting an existing file in the system If it is uploaded again, it is renamed to sample2.txt and so on... If we then take a dated file to be the exaple: sample_20121214.txt - which has the rotation date appended to it, it will be uploaded, as sample_20121214.txt If it is then uploaded once more, however, DC21 will rename it to sample_20121215.txt - augmenting the rotation date. I have included a example of the log output below, for further details: Endpoint: http://localhost:3000/data_files/api_create Parameters: auth_token: "iZPMxXyrDmqHq4h2GDt5" description: "some desc" type: "RAW" experiment_id: 1 file: #<File:/tmp/dc21_upload/pending/sample1.dat> Response code: 200 (SUCCESS) Response details:		Sprint 6b, Sprint 7

| | | | | file_id: 85
messages: ["A file already existed with the same name. File has been renamed."]
file_name: "sample1_20121234.dat"
file_type: "RAW"

this renaming ONLY occurs on the server side, and is not related to the behaviour of these scripts.

Needs further investigation and discussion, as in production the files should be TOA5 files that replace, rather than rename. But still this is strange behaviour and we may need to slightly alter the renaming algorithm | | |

Summary of Testing Performed

Testing conformed to Intersect's standard QA processes.

Test Environment Details

Testing was completed on a combination of the QA and Staging environments

Open Bugs

See Sprint 8 report below.

8 Sprint 8 Report

Summary

Sprint Number	8
Sprint Start date	11/3/13
Sprint End date	22/3/13
Planned story points	12
Completed story points	20

Stories Completed

The following stories were completed and bugs fixed in Sprint 8. In general, refer to the HIEv User Guide for feature functionality.

Type	Key	Summary	description	story points	fixversion
	DC21	As UWS I want UWS and HIE branding on the system - rename to HIEv	1. change the text next to the tree icon at the top left of the screen (Dc21 -> HIEv) 2. change the text on all page titles (DC21 -> HIEv) 3. change in all email notificiations body and subject (many of them say "HIE Data Manager System", change to HIEv) 4. do a search for any other instances where DC21 is displayed NOTE: we don't need to change the repository name or any internal code references to "DC21".	0.5	Sprint 8
	DC21	IE 7&8 only - Adding "Status" to an overlapping file awaiting status goes to "IE cannot dislay this webpage"	This only seems to occur in IE, (same process works fine in FF8) & only when processing Status for files which overlap existing files. (Possibly a processing time out error?) Steps to Reproduce: 1. Using IE7 oer IE8, log in to http://knt1-dc21-qa.intersect.org.au as researcher1@intersect.org.au/Pass.123 2. Select "+ New Data Entry" and upload the attached file "IE Bug 1 ROS_WS_Table05min.dat", then set status for that file to "Raw" & add any Description, & select "Done" 3. Select "+ New Data Entry" and upload the attached file "IE Bug 2 ROS_WS_Table05min.dat" (a reneamed copy of the same file), then		Sprint 8

			set status for that file to "Raw" & add any Description, & select "Done" Expected result: Validation shows a message "overlapped IE Bug 1 ROS_WS_Table05min.dat" Actual Result: Page processes for some seconds, then goes to "Internet Explorer cannot display this page"		
	DC21	Date Picker Issues	Date Picker Issues 1. (Still an issue 21.3.13) Selecting / Editing Date pickers for: • "Explore Data" x 6 (Date x 2 & Upload Date x 2 & Type Publish Date x 2), • "Add/Edit Experiment" x 2 & • "New data entry" > Unknown file (non-TOA5!)> post-upload metadata x 2 are not working unless a specific "Day of month" is selected. Picking dates the first time seems to always work well only if a specific "day of Month" is selected (e.g. "2005-04-20"). As demonstrated. To recreate all: In IE8/FF, logged as georgina@intersect.org.au on 1.1. If I select "Today" (and no "Day of Month" select) & "Done", date does NOT update (If I select "Today" and select a "Day of Month" & "Done", date DOES update.) 1.2. If I try to *edit* an existing date (e.g. change 2011-10-	2.0	Sprint 8

23 by the year only to "2012" & select "Done", year does
NOT update to changed year. (If I edit the year to
"2012", and select a "Day of Month" (e.g. to "30") &
select "Done", Date DOES update.)
1.3. If I try to edit the month only to "August" & select
"Done", Month does NOT update to August.(If I edit the
month only to "August", and select any "Day of Month"
(e.g. to "20") & select "Done", Date DOES update.).

2. (**NO LONGER AN ISSUE 21.3.13**)"Explore Data" tab - Text size for
"From Date" & "To Date" on "Upload Date" is too large (See
screenshot & also next issue)

3. (**NO LONGER AN ISSUE 25.3.13**)"Explore Data" tab & Upload
unknown non-TOA5 file x 2 - Text box alignment of Selected dates
is poor x 4 - If possible, align on same row as label (see screenshot).

4. (**NO LONGER AN ISSUE 25.3.13**) All date pickers: Text size for Month
& Year is too large (Was DC21-230)

5. (Still an issue 21.3.13) IE7 "Today" can't be viewed at all, and oddly, on
Explore Data if popup "Today" is selected in Date or Upload Date
Filters, top (Date)"Update Search Results" button flashes.

6. (**NO LONGER AN ISSUE 25.3.13**) Explore Data date fields - Search

			by/from Date: If user selects a "day", search window closes : a) without giving the user an opportunity to pick a second date field or b) without giving the user an opportunity to select "Update search Results" button. 7. (**NO LONGER AN ISSUE 25.3.13**) Selecting a date causes the search drop down to close at the same time as the date picker closes. In order to continue with the search parameters selection process, you need to re-open the search drop down. On re-opening, it's evident that the chosen date has been entered in the field. Ideally, user is able to enter a date without the Search window collapsing. 8. (**NO LONGER AN ISSUE 25.3.13**) The Today button causes the search drop down to close, but leaves the date picker displayed. Clicking anywhere in the browser window causes the date picker to close. Re-opening the search drop down shows that today's date has not been selected. Hide "Today" button if it has no functionality.		
	DC21	As an institution I want packages which have semantic information embedded in the Bagit Package README.HTML file according to RDFa so it is machine readable	See attached README.HTML file with RDFA lite attributes added to it. There are some limited implementation notes recorded as comments in the file. The current haml template should be modified to adhere to this new HTML design. Please check with Peter B if any of it is unclear.	2.0	Sprint 8

			To view the attributes, use: www.rdfa.play/info.
			
			There are some additional properties of the Package file which should be included in the README.HTML. These should appear after the "Package Title" header and associated data:
			
			Package File Name
			        <the filename of the package file>
			
			ID
			        <the ID of the package file>
			
			For both of these, the RDFA lite attribute should be: http://schema.org/name
			
			Acceptance Criteria:
			
			▪ the RDFA lite attributes appear correctly in the README.HTML file
			▪ the attributes tree displays as per the sample README when run through www.rdfa.play/info.		

	DC21	As a sysadmin I want users to be advised to contact support if they get an	The page says "We've been notified ... " when in fact we haven't. => Change the message that the user has to notify IT support that an error has occurred. "Please raise a service request with your support provider."	0.5	Sprint 8

		unexpected error			
	DC21	Upload with long description field is going to error rather than a validation warning	This appears to be new behaviour, as I can't recall seeing this message before. To recreate: 1. Logged as kali@intersect.org.au, go to "upload" 2. Select any file type, any experiment 3. Add description "~!@#$%^&*()_+`567890-={}[]|\:”;’<>?,./ ^^Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test Test 500 Characters" 4. Upload a valid TOA5 file & select "Upload" Expected: If Description field is limited to 256 char, then a validation "Description is too long (maximum is 256 characters)." should display rather than the page going to error. Actual: Post upload displays "The change you wanted was rejected. Maybe you tried to change something you didn't have access to." and the log shows "ActiveRecord::RecordInvalid (Validation failed: File processing description is too long (maximum is 255 characters)): lib/attachment_builder.rb:36:in `create_data_file' lib/attachment_builder.rb:12:in `build'		Sprint 8

			app/controllers/data_files_controller.rb:83:in `block in create' app/controllers/data_files_controller.rb:82:in `each' app/controllers/data_files_controller.rb:82:in `create'		
	DC21	Invalid dates for New/Edit Experiment show wrong validation "Start date can't be blank"	To recreate 1. Go to a facility & add an experiment 2. Input valid data, except for "start Date" & "End Date" fields 3. Manually enter "2012-02-30" in Start Date field & "2012-04-31" in End date field & click "Save Experiment" Expected result: Validation errors appear: "Start date must be a valid date" & "End Date must be a valid date" Actual result: Validation on Save warns "Start date can't be blank" and on correcting Start date to a valid date & Save, invalid end date is simply not saved, without any validation warning. Please fix so that correct validation messages are shown.		Sprint 8
	DC21	Having >255 characters in Description in Upload and Package causes error. The upload/package creation is completed but the user cannot access them.	If you have more than 255 characters in the Description field when uploading or creating a Package, it will cause an error. The files are still uploaded/ the package is still created but the user cannot access them.		Sprint 8

	DC21	Add All to cart error - Request-URI Too Large	When you have a large number of datafiles(500+) and click Add All, there will be an error: Request-URI Too Large: The requested URL's length exceeds the capacity limit for this server. The user should be able to add all the files in search result to the cart.		Sprint 8
	DC21	As a user I want to be able to delete published packages and modify their metadata	Context ---------- In sprint 7, ▪ When a package is created, a RIF-CS collection record is generated but kept internally to the app. ▪ A user can delete a file of type Package as long as it hasn't been published. ▪ When the package is published, the RIF-CS is made available to OAI-PMH harvesters. ▪ Once a Package has been published, the Delete This File and Edit Metadata options are no longer available to the user on the Data / View form. As per DC21-500, files (including packages) should not be able to be deleted or modified if they have a non-null ID field. At UWS, collection records are managed by the Research Data Catalog (RDC) and it is the RDC which harvests collection records	1.5	Sprint 8

| | | | which HEIv publishes. As the RDC is the system of record for these collection records, it isn't vital that the HIEv maintains published records over time.

THe HIEv user should be able to delete published packages. THere are 2 scenarios:
1. The HIEv publishes a package and then deletes it before thr RDC harvester runs. No problem here.
2. ThE HIEv publishes a package and deletes it after the RDC harvester runs. The RDC will have both the collection record and the package data so it will be internally consistent. If the user doesn't want the collection record or the package they will need to tell the Library to remove it from the RDC.

So the changes for Sprint 8 are:

• On the Data / View form, if a user presses the Publish button for a Package, the warning message should be changed to simply say "Do you really want to publish this Package?" without the additional implications.

• Once a package is published, the "Delete This" and "Edit metadata" buttons should remain available and functional. | | |

| | | | If any of the metadata is changed, the user should be warned via a dialog box that the changes will not affect the unerlying RIF-CS. Message: "These changes will not affect the underlying RIF-CS. To modify the metadata in the RIF-CS, you will need to create a new package."

• If the published package is deleted, any RIF-CS records associated with the package should no longer be available to OAI-PMH harvesters. These OAI-PMH records should be moved to an archive folder on the HIEv server so that they can be recovered along with the package zip file if ever needed. Please discuss with Georgina the best place for these files.

Acceptance criteria:

▪ A simpler warning message on publish
▪ Info message if Package metadata is changed.
▪ User can still delete package files after publish and change their metadata
▪ RIF-CS records no longer avaialable for harvest after a published package file is deleted.
▪ RIF-CS and published package file is stored on a server | | |

			archive if the package is deleted.		
	[DC21](#)	[Can't set Package start and end times like other data files](#)	Note that "time" means "date/time" 1. When the Package button is pressed, the start/end times for the Package should be displayed and the user should have the opportunity to enter values into these fields. 2. The package start/end times should default to the lowest min start time/ highest max end time of the component files in the cart, excluding null times. a. If all start times of all component files are null, then the start time of the package file should default be null. b. If all end times of all component files are null, then the end time of the package file should default be null. 3. When the user presses Save: a. the temporal coverage start/end dates in the RIF-CS should be set to the package start/end times. b. Start/end times for the dastaset should appear in the README.HTML of the package file zip and these shuold be set to the package start/end times. See Peter B if you need some help locating exactly where this in the README.HTML these fields should be located. 4. The user should be able to subsequently modify the start/end times of the package file, though it is accepted that the RIF-CS and	0.5	Sprint 8

			README.HTML will not be updated. Acceptance criteria: • On package creation, package start/end times default to low min start / highest max end times from component files. • THe RIF-CS temporal start/end dates reflect that of the package start/end time when the package is created. • The user can modify package start / end times initially or edit later.		
	DC21 As a user I want to record long descriptions about files, facilities and experiments		Users are likely to use the description field a lot and 255 chars is not sufficient. This applies to description fields for: Files Facilities Experiments These fields should be increased to 10KB in size. The display and edit boxes for these fields should have scrollbars associated	0.5	Sprint 8

			with them (should happen automatically since they are text areas). If more than 10K characters are entered, the text should be truncated automatically. NOTE for Dev/QA: this should cover the two bugs that have been moved as sub-tasks of this JIRA, I've just left them open to ensure those scenarios are tested. Could dev/qa please move all three through the workflow together.		
	DC21	As a user I want to know when a package was published and by whom so I can track any publishing problems	In Sprint 7, there is a Published Yes/No field. 　When a package is published, the system should also record the date/time is was published, and who published it (user logged in at the time). This information should be shown on the "view file" page, within the "basic information" section. Display format for publish date is as per other time fields. These fields should only be shown for PACKAGE type files No search capability has been included on these new fields at this time due to the additonal effort involved without a clearly identified need. Acceptance criteria:	0.5	Sprint 8

			▪ Publisher and publish date is recorded on publish ▪ These fields are shown on the view details page for PACKAGE type files ▪ These fields are not shown for other types of files		
🔴	DC21	Cart Package button does a download instead	1. Add a few files to the cart and choose Edit Cart from the Cart dropdown 2. Press the bottom Package button => the app does a Download instead of a Package Note: The Package button at the top of the screen works correctly. Both Package buttons should invoke the package creation func, not the Download func.		Sprint 8
🔴	DC21	Create Package screen - there isn't a Cancel button	1. Add a few files to the Cart, choose Cart / Package => The Create Package form is displayed. There is no way for a user to cancel out of this except for the user to use the Browser Back button... THe user should be able to press a Cancel button to abort the package creation (similar to other forms). Clicking cancel should take the user back to where they came from (either explore data or edit cart).		Sprint 8
🔴	DC21	Package zips need to be retrievable without authenticating	The way we expose data to the UWS research data store is intended to work as follows: ▪ user creates and publishes a package		Sprint 8

			▪ we generate RIF-CS and expose it over OAI-PMH (using joai) ▪ UWS harvest the RIF-CS ▪ UWS grabs the zip file by requesting it from the URL in the RIF-CS (electronic location, e.g. https://jp-dc21-staging.intersect.org.au/data_files/394/download from below example) UWS RDS needs to be able to get this without authenticating (this was how the original publishing function worked). We need to make it so that published packages can be retrieved unauthenticated, BUT we want to make sure that regular files cannot be retrieved this way (i.e. user must be logged in). See Georgina re options for how to implement this. Here's an example of the RIF-CS <?xml version="1.0" encoding="UTF-8"?> <registryObjects xmlns="http://ands.org.au/standards/rif-cs/registryObjects" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://ands.org.au/standards/rif-cs/registryObjects http://services.ands.org.au/documentation/rifcs/1.3/schema/registryO		

bjects.xsd">
<registryObject group="University of Western Sydney">
<key>/data_files/394</key>
<originatingSource>https://jp-dc21-staging.intersect.org.au/</originatingSource>
<collection type="dataset">
<name type="primary">
<namePart>test.zip</namePart>
</name>
<location>
<address>
<electronic type="url">
<value>https://jp-dc21-staging.intersect.org.au/data_files/394/download</value>
</electronic>
</address>
</location>
<subject type="local" xml:lang="en">sssss</subject>
<description type="rights">http://creativecommons.org/licenses/by-nc-sa/3.0/au</description>
<coverage>
<spatial type="gmlKmlPolyCoords">150.74862,-33.61315</spatial>
</coverage>
<relatedInfo>
<notes>Published by Georgina Edwards (georgina@intersect.org.au)</notes>

			</relatedInfo> <relatedInfo> <notes>Primary contact for Coffee room is Remko Duursma (remkoduursma@gmail.com)</notes> </relatedInfo> </collection> </registryObject> </registryObjects>		
🔴	DC21	Prod: (Usability) Filename is obscured in Explore Data list	The filename column on the Explore Data list only shows the first 15 characters or so. There is no way to see the full filename except by going to the file view. Files from the field PCs are typically 18 chars, and rotated files will have _YYYYMMDD added, along with any additional appended sequencing. These characters at the end are quite important to the user. Ideally a field chooser and resizer would be best but this would consume too many points. Agreed changes to be made to the Explore Data list -- 1. The Search area should be changed to be a floating / overlay window which the user can toggle into view and out of view via a new Viwe/Hide search button near the "Showing..." message - Marc to design this. This will make more realestate available for existing columns. 2. The "Showing..." message should be extended to show a summary of the search criteria currently in place. Marc has agreed to figure out what		Sprint 8

| | | | can be done easily and present back to PeterB.

3. The "Clear Search" button should always be visible and located near to the new View/Hide Search toggle.

4. The filename field in particular should be extended to at least 30 characters on the explore list.

5. If a field value is longer than available real estate, it should be truncated with "..." indicator

6. All fields in the table should have a "hover over" feature implemented which displays the full field value (a separate Jira will be raised to cover this off for all screens)

Acceptance criteria

• The filename field has at least 30 characters displayed
• Ever field in the table has a mouse hover-over implemented
• The seearch criteria can be toggled to display / not display.
• Search criteria summary text is always displayed on the screen near the "Showing..." message | | |

| | DC21 | Prod: Upload failure message for file EddyFlux_slow_met_20130 228.dat: Response code: 500 | When the upload script attempts to transfer the attached file, the following error appears in the log. THe file is created with type RAW on the server but with incomplete metadata.

If the file upload is repateed, an _1 file is created with type RAW and also with incomplete metadata, and the same error in the log.

The file is a TOA5 file with roughly 40 columns.

1.
  1. TIMESTAMP: 2013-02-18 15:30:18 +1000
    Endpoint:
    http://w0297.uws.edu.au/data_files/api_create
    Parameters:
    auth_token: "jbNH7oCPqgkPQm8qjpdq"
    description: "Flux site data. NOTE, THIS DESCRIPTION NEEDS TO BE CORRECTED"
    type: "RAW"
    experiment_id: 5
    file:
    #<File:C:\DC21\Data\UploadPending/EddyFlux_slow_met_20130228.dat>
  2. TIMESTAMP: 2013-02-18 15:30:19 +1000
    Response code: 500
    Response details: | | Sprint 8 |

			3. TIMESTAMP: 2013-02-18 15:30:19 +1000
			ERROR UPLOADING FILE
			743: unexpected token at '<!DOCTYPE html>
			<html>
			<head>
			<title>We're sorry, but something went wrong (500)</title>
			<style type="text/css">
			body { background-color: #fff; color: #666; text-align: center; font-family: arial, sans-serif; }
			div.dialog { width: 25em; padding: 0 4em; margin: 4em auto 0 auto; border: 1px solid #ccc; border-right-color: #999; border-bottom-color: #999; }
			h1 { font-size: 100%; color: #f00; line-height: 1.5em; }
			</style>
			</head>
			
			<body>
			   <!-- This file lives in public/500.html -->
			   <div class="dialog">
			   <h1>We're sorry, but something went wrong.</h1>
			   <p>We've been notified about this issue and we'll take a look at it shortly.</p>
			   </div>		

			`</body>`
			`</html>`
			'
			
			Expected result
			
			  ▪ THe upload should accept T0A5 headers and data which confirm to UTF-8, including subscript and superscript characters.
			  ▪ THe HIEv UI should correcly display UTF-8 characters including superscript and subscript characters.		

📄	DC21
	
	windows_api_load: undefined method `[]' for nil:NilClass
			Precondition: the api upload scripts are installed according to https://github.com/IntersectAustralia/dc21/wiki/Setting-Up-Automated-Load-From-PC
			Steps to reproduce:
			1. Set up a wrapper config file with no files specified in it
			2. Run the wrapper script
			
			The following error occurs:
			
			1.
			
			    1. TIMESTAMP: 2013-03-01 04:00:05 +1000
			       ERROR UPLOADING FILE
			       undefined method `[]' for nil:NilClass
					Sprint 8

			C:/DC21/scripts/IntersectAustralia-restful-api-uploader-1.6b.05-0-g604ad19/lib/wrapper_uploader.rb:49:in `prepare_and_stage_file' C:/DC21/scripts/IntersectAustralia-restful-api-uploader-1.6b.05-0-g604ad19/lib/wrapper_uploader.rb:24:in `block in run' C:/DC21/scripts/IntersectAustralia-restful-api-uploader-1.6b.05-0-g604ad19/lib/wrapper_uploader.rb:24:in `each' C:/DC21/scripts/IntersectAustralia-restful-api-uploader-1.6b.05-0-g604ad19/lib/wrapper_uploader.rb:24:in `run' C:/DC21/scripts/IntersectAustralia-restful-api-uploader-1.6b.05-0-g604ad19/lib/run_wrapper.rb:20:in `<main>' Expected result: THe windows_api_load should accept wrapper config files with no entires in it and not produce an error message. As it is not an error, nothing should appear in the log. As per Dc21-510, the log statistics should show that no files were copied/rotated.		
📋	DC21 As a user I want to be able to assign a permanent		Background: file ids are thrown away when a T0A5 file is updated nightly - a new file_id is assigned. This means that file URLs are not permanent. This impacts download and also has implications for	4.0	Sprint 8

| | | unique ID to a package after it has been published so that it can be located via a search, and for other reasons | packaging.

I spoke with Remko Duursma and Gerry Devine (new data manager). UWS have agreed to regard the file id as a transient handle to download the file after an API search. If the download fails because the file has since been replaced, they will redo the search. The applciation should instead use a separate identifier as the permanent reference.

Changes to be implemented in sprint 8, plus some business rules and notes follow.

1. On HIEV file Data/View screen, there should be two additional fields displayed: File Id and ID

  ▪ File Id: this is te file's internal file identifier
  ▪ ID: this is a new text field, up to 1000 characters in length. If the required width to display the value is greater than the width of the screen, the field should be truncated (with ... showing at the end).
  ▪ It should be possible to hover over the fields to see their full value.
  ▪ These fields should be displayed after the Size field.

2. NOTE: In general, the ID field will apply to HIEv Package files, but as HIEV Package are treated just like any other file the functnioality | | |

will apply to all files.

3. ID edit rules

- If the user presses Edit Metadata, assuming they have the right permission to edit the metadata, the ID field should be available to be changed.
- Field Validation : no special validation should aply to ithe ID field, except for any "special" characters which are known to cause problems with the UI.
- BUSINESS RULE: no two files can be given the same ID value within the Dc21 app. This should be repoted when the user attempts to Save any metadata changes. Error message: This ID is already is use by file <filename>..."

4. BUSINESS RULE: It should not be possible to change the contents of, replace the contents of or delete a HIEv file which has an ID, ie not by the UI or upload func. So, if a user wants to delete a file which has an ID, they must explicitly remove the ID value first and then delete it, ie: 2 steps.

6. BUSINESS RULE: The implication of 4, above, for TOA5 files which are uploaded nightly is that if the upload will replace a pre-existing TOA5 file with an ID, the upload should be considered "unsafe", ie:

| | | | | same processing as for T0A5 files considered unsafe, ie: file type set to ERROR. Also, if the file which was to be replaced has the same name as the upload file, the new file should be created with +1 seqno in its name , ie: name _+1. This will be a flag to the data manager to resolve the issue if need be.

7. HIE browse list: the ID and file id fields should be a avaialble search criteria.

8. Search API
    a) ID should be a search criteria.
    b) The API search should return the ID and file id for a particular file in JSON.

=> So, if a researcher wants to obtain a file by ID, then the steps are to do an API search via the ID field and then download the file via its file-id.

NOTE: POINT 9 BELOW SHOULD NOT BE IMPLEMENTED
    9. When creating a package, as the file id is a transient handle, the anchor back to the HIEv in the README.HTML should be removed as it is likely to go out of date. THe README.HTML should include the ID of contained files if it has been added.

10. When a user is creating a new package, they should be able to enter the ID field. If they endter an ID field, it should appear in the RIF CS which is generated for this package, as follows: | | |

			<relatedInfo>
			    <notes>Unique ID: …</notes>
			</relatedInfo>
			
			Scenario:
			      --------- 	
			
			1. User publishes a package in Dc21 -> RIF-CS available
			      2. RDC harvests the RIS-CS -> work item enters RDC workflow
			      ...
			      3. RDC calls UWS handle server to create Collection Record (and other) handle(s).
			      4. RDC sends e-mail acknowledgement to HIE that the package with details ... which was published by dc21 on ... has been recorded in the RDC and has handle ...
			
			5. Technical ops reads emails and updates Dc21 package with RDC Collection Record Handle.
			
			Notes:
			
			    ▪ Step 4 has not been implemented and a request would need to be made of the Library to do this, and it would need to be fitted into their work plan.
			    ▪ Step 5 is a manual step, which could be automated, but		

			probably not the bandwidth to do it in sprint 8. ▪ This doesn't fix the versioning issue we've spoken about, but it is a first step. Acceptance Criteria ▪ TOA5 files are not replaced if they have their ID field set. ▪ Packages can be deleted regardless of whether they are published, but not if they have an ID field set ▪ It should be possible for a user to remove the ID field from a file or package. ▪ A user should be able to search (via the UI or API) for an ID and then recover the file via its file-id returned by the search. ▪ When a new package is created, the user can enter an ID at that point. If they do, it should appear in the RIF CS.		
	DC21 Cannot download via the API		As part of DC21-53, users were supposed to be able to do an API search, then iterate over the results and download the files. This could never have worked as the download action has not been opened up for use with an authentication token.		Sprint 8

			A user should be able to do an API search, then iterate over the results, grab the "url" for each file, and make a request to get the file. To do this, they need to add the authentication token to the end of the URL, e.g. using CURL, they would do this: curl --insecure https://jp-dc21-staging.intersect.org.au/data_files/398/download?auth_token=uJZkP3UnyWeSb6SY6Npq		
	DC21	As a research technician i want the windows_api_load script to generate structured logs with statistics I can use to quickly check upload status	Overview: • The lines in the log file should have a structured format. See the formatting and example below. (Trace dumps don't need to conform to this structure.) • The log entries should be concise when everything is going well. Minimally the log should show the 3 operational steps as they occur from a user's perspective (see example). It is ok to be verbose and provide technical info such as trace dumps but only after an ERROR has occurred. • For the file transfer step (which is run twice): ○ If a row in the config has a source file spec which does not match any files and this is step 3, a	2.0	Sprint 8

			WARN entry should be produced on the log. (Note: This warning is not produced for step 1)		
			o The log should show 2 log entries per file for which a transfer is being attempted - the first is the transfer request, the second shows the response received.		
			o If the transfer is successful the response row should show the size of the file transferred and the time it took to complete the transfer.		
			o At the end of the transfer step, the log should show transfer statistics (see example).		
			• For the wrapper / rotation step:		
			o If a row in the config has a source file spec which does not match any files, a WARN entry should be produced on the log.		
			o The log should not produce any log rows unless an error or warning occurs.		
			o At the end of the wrapper / rotation step, the log should show statistics of files copied/moved (it should NOT count duplicate copies to a secondary BACKUP directory)		
			• At the end of the script run, summary statistics should be		

| | | | produced on the log. See example.

\<line format\> ::== \<timestamp\>\<space\>\<severity\>\<space\>\<message\>
    \<timestamp\> ::== YYYY-MM-DD HH:MM:SS +9999
    \<severity\> ::== INFO \| WARN \| ERROR // All Severities should be 5 characters so the columns line up.
    \<message\> ::== \<string\> // the text of the log message, all contained within 1 line

2013-02-19 06:48:22 +1000 INFO windows_api_load starting...
    2013-02-19 06:48:22 +1000 INFO Step 1 Started - processing transfer config file \<filepath\>...
    2013-02-19 06:48:22 +1000 INFO Step 1 Completed: 0 warnings, 0/0 files successfully transferred/attempted (0.0 MB)
    2013-02-19 06:48:22 +1000 INFO Step 2 Started - processing wrapper config file \<filepath\>...
    2013-02-19 06:48:22 +1000 INFO Step 2 Completed - 69 files copied/moved
    2013-02-19 06:48:22 +1000 INFO Step 3 - processing transfer config file \<filepath\>...
    2013-02-19 06:48:22 +1000 WARN No files matched (?-mix:\AEddyFlux_slow_flux_[0-9]{8}\.dat\Z) in directory C:\DC21\Data\UploadPending
    2013-02-19 06:48:22 +1000 WARN No files matched (?-mix:\AEddyFlux_fast_flux_[0-9]{8}\.dat\Z) in directory C:\DC21\Data\UploadPending | | |

			2013-02-19 06:48:22 +1000 INFO Transferring: #<File:C:\DC21\Data\UploadPending/ROS_1_Table2_20130228.dat > 2013-02-19 06:48:22 +1000 INFO Response code: 200 SUCCESS, messages: ["The file replaced one or more other files with similar data. Replaced files: ROS_1_Table2_20130228.dat"] (28.1 MB) 2013-02-19 06:48:22 +1000 INFO Transferring: #<File:C:\DC21\Data\UploadPending/ROS_1_Table2_20130228.dat > 2013-02-19 06:48:22 +1000 ERROR Response code: 500 SYSTEM ERROR, messages: ["A system error message.."] <trace dump info here if relevant> 2013-02-19 06:48:22 +1000 INFO Step 3 Completed: 2 warnings, 68/69 files successfully transferred/attempted (143.2 MB) 2013-02-19 06:48:22 +1000 INFO windows_api_load completed, summary follows 2013-02-19 06:48:22 +1000 INFO Step 1: 0 warnings, 0/0 files successfully transfered (0.0MB) 2013-02-19 06:48:22 +1000 INFO Step 2: 69 files copied / moved 2013-02-19 06:48:22 +1000 INFO Step 3: 2 warnings, 68/69 files successfully transferred (143.2MB) Acceptance criteria ▪ Log entries are concise unless an error has occurred. ▪ The word ERROR only appears when there is an error.		

			▪ Every log entry has a timestamp. ▪ Logs have summary statistics produced for each Step and at the end.		
	DC21 As a user I want to use regular expressions to match files		This is only to be done if there is time in sprint 8. The HIE file naming convention is quite complex. Filtering files by name is / will be very important to users. The current matching is very restrictive and does not allow wild cards. 1. On the Explore Data List search panel: • When the user chooses to filter by Filename and/or Description fields, it should be possible to enter wildcard characters such as .^+ **and use [], {}, () and quote and unquote special characters, eg: On filename search: ^ROS_.**\.dat should match all files with filename which start with ROS_ and have ".dat" as a file extension. • The user should not have to announce that they are entering a regular expression. 2. Regular expressions should also work if the user performs a search through the API via Filename and/or Description. There may be some	2.0	Sprint 8

			gotchas with special characters when posting the request. Acceptance criteria - On the browse list I can use regular expression syntax for file name and description to display only those files which match te expressions. The pattern match should be set uo to accept a partial match. - API search also accepts regular expressions for filename and desciption. - Regualr expressions are used by default - the user doe not have to explicitly specify that they are to be used.		

	DC21
	
	As a user I want to be able to be able to view the full value of any field which has been truncated by the UI
			This story aims to clean up 2 UI problems across the app:
			    1. field values which overrun the window due to their size, and
			    2. not being able to see the full content of a field.
			
			In general, all forms need to be updated
			--- 	
			
			- All fields in tables and on display should have a maximum width set up in the UI. The width will be contextual on the real estate which is available (See
				2.0	Sprint 8

			form-specific guidelines below) • If a field value cannot be displayed in the available space, it should be truncated with a visual indicator showing this "..." • A hover-over tool-tip should be implemented for all display fields in the HIEv application. If the user mouses over a display field and holds the mouse in position for a timeperiod, say 1 sec, a floating window should be diplayed which contains the full value of the vield displayed. **Guidelines** ------------------ **Home / Dashboard** • Field widths look fine. • Existing fields in the table should have truncation implemented, plus hover-over tool tip. **Home / Explore Data** • Field widths in the table should be fine after dc21-487 is		

implemented.

- Existing fields should have truncation implemented, plus hover-over tool tip

Data / View

- Max Field widths should be to set edge of page
- Existing fields should have truncation implemented, plus hover-over tool tip

Facilities

- Field widths look fine. (THe name field could be hortned if anything)
- Existing fields should have truncation implemented (already done for these fields I think), plus hover-over tool tip

Facilities / Detail

- There is a form and a table of experiments displayed
- For the form: as for Data / View above.
- For the table of exterminents: field widths look fine. Existing fields should have truncation implemented, plus

<table>
<tr><td></td><td></td><td></td><td>

hover-over tool tip

Experiment Detail

- THere is a form and a Parameters list
- For the form, as for Data / View above.
- For the Parameters list, the field widths are fine except for the Comments field which should only extend out to the edge of the page.. All fields should be truncated if they subsequently don't fit, with hover-over implemented.

Data/New Package

- Already ok.

View / Edit Cart

- Filename needs to be extended to 30 chars. Should be able to reduce some of te other columns.
- Existing fields should have truncation implemented, plus hover-over tool tip

</td><td></td><td></td></tr>
</table>

			Admin/users • Email address column - ncrease to 30 characters (can borrow from firt/last name) • Role should be incerased to at least 20 characters • Status should be fully displayed • Existing fields should have truncation implemented, plus hover-over tool tip **Data/Upload** • Field widths look fine. If the the max experinemtn name is very long, the field is displayed off the screen. • Existing fields should have truncation implemented, plus hover-over tool tip **Admin/Access Requests** • Field widths look fine in the table • Existing fields should have truncation implemented, plus hover-over tool tip *Admin / Column Mappings		

			• Field widths look fine. • Existing fields should have truncation implemented, plus hover-over tool tip **Settings** • Overview: Field widths look fine. • Overview: Existing fields go off the size of the screen if long names are entered. THese should have truncation implemented, plus hover-over tool tip • Edit Details: seems fine. • Change Password: seems fine. Acceptance Criteria ▪ All fields on all screens have a fixed width (ie: in tables) or can grow to a maximum field width. ▪ Fields whose values exceed the maximium field width are truncated consistently, ie "..." shown ▪ Truncated fields can be viewed in full by a mouse hover-over		
	DC21 As a systems admin I want		As augmenting the HTML with the attributes will be an on-going process over many months, the HTML should be set up as a template in a	1.0	Sprint 8

| | | to be able to change the README html template without redeploying the software | server directory where UWS can edit the template.

1. If a template exists in the server directory, when a package is created this file should be used when building the README.HTML
2. If not, HIEv should use an internal default template based on the attached file.

Notes from GE:

- currently the haml is in app/templates/file_set_metadata.html.haml
- as suggested by Charles, we can have a location for it that's external to where the app is deployed, the location of the template should be configured in the dc21app_extra_config.yml file (see deployment guide for details of this config file).
- the app should look for this file, otherwise fall back to the one that's part of the app

Acceptance Criteria:

- HTML template can be updated without redeploying the app
- If the external HTML template is not present, the app falls back to the one that's part of the code | | |

			▪ There's a page on the Github wiki with details of how to use this feature		

🔴	[DC21](#)	[Search Filter - Type - File type options disappear under certain conditions](#)	See screenshot.
			
			To Reproduce:
			    Logged in, from Explore Data page:
			    Clear Search
			    Open search dropdown
			    Click on Type to open its options
			    Click on Package to set it (don't open the package options).
			    Update Search Results (only packages will be displayed, which is correct)
			    Open the search dropdown again
			    Click on Type to close its options
			    Click on Type to open it again
			    Expected results: File type options (Raw, Processed, etc) are displayed and can be checked/unchecked)
			    Actual: File Type options are missing
			
			Re work around: Clicking on Type (inc. repeatedly) does not make the other options reappear. You needs to press Update Search Option again, but then clicking on Type triggers the problem again.
					Sprint 8

🔴	[DC21](#)	[FOR codes in experiments](#)			Sprint 8

		is broken			
	DC21	A Facility Code of All Ws is not displayed correctly	On the Facilities table, a Facility with a Code of all Ws filling the field is not display correctly - see attached screen shot. The actual field was created as WWWW...WWWWWW1 to its max width. The 1 at the end is not visible. Expected: either a) the Code field needs to be a little wider to accomodate the full code field OR b) the Code field value should be truncated and a hover over be implemented. Option b is the recommended approach.		Sprint 8
	DC21	API Uploader script logs are unviewable in notepad.	As discussed with georgina etc, we think it may be related to new line encoded in a way notepad is unable to interpret as the file opens fine in notepad++.		Sprint 8

	DC21 Package zips should be retrievable without authentication via a white list	From Peter S after seeing the sprint 8 demo this morning: The current scheme creates a security hole in that any user can download packages from Dc21 if they know the file-id and url. Only a configurable white list of IP addresses should be able to download a package without authentication. The yaml config file on the HIEv server should have an additional parameter "ip_addresses". This parameter allows a list of IP addresses to be specified. If a file download request is received from an IP address in the list, the requester does not need to supply an API token for the download to proceed. This config parameter should be documented on GITHUB as part of installation procedures.	Sprint 8

Summary of Testing Performed

HIEvLab Sprint 8 Deployment Testing Report

Regression testing of DC21 Sprint 8 Deployment consisted of the following:

Overall Intersect Test Environment
Testing was done in the Intersect QA Environment http://knt1-dc21-qa.intersect.org.au/ against the 1.8.01 & 1.8.02 builds. Testing was conducted for all Sprint 8 Deployment Jira items and full regression testing was conducted to assure new changes did not negatively impact existing functionality.

Overall Intersect QA/Testing approach

1. Specifications are written with testing in mind.
2. Developers do unstructured unit tests, then when ready they release to QA environment where testers can verify changes.
3. QA/Testers test against the Jira story – This includes structured & unstructured testing, and any feedback is dicussed with Developers/ P.O.'s as required. New Jiras are raised as required for found issues.
4. QA/Testers upgrade Manual regression tests.
5. Automated tests are run through Jenkins to assure System integration testing
   Code freeze.
6. Final release End to end Manual Regression testing is conducted to assure full functionality.
7. Testing of the User Manual.
8. DELIVERY TO CUSTOMER for User Acceptance Testing.

Sprint 8 Deployment Test Results

1. **Pass - Jenkins run against versions 1.8.01 & 1.8.02 builds, and restful-api-uploader passed against the target version.**
2. **Pass - Manual Testing conducted against all Jira Items in the Sprint.**
3. **Pass - Manual Regression testing of specific scenarios which couldn't be automated was conducted and passed without any Major issues.**
4. **Pass - Browser testing was conducted against the build and passed without any Major issues.**
5. **Pass - The User Manual was tested against the Build and was assured.**

Test Environment Details

Testing was completed on a combination of the QA and Staging environments. For upgrade testing, a copy of HIE v1.6b.05 production database was loaded into the Staging Environment.

Open Bugs

Type	Key	Priority	Summary	fixversion
Open Bugs (25 issues)				
🔴	DC21-272	⬇	Facility can be edited to have no primary contact	Backlog (Lower Priority)
🔴	DC21-329	⬇	Newlines in descriptions not respected	Backlog (Lower Priority)
🔴	DC21-330	⬇	System should degrade gracefully when MINT is down	Backlog (Lower Priority)
🔴	DC21-332	⬇	Filename too long issue	Backlog (Higher Priority)
🔴	DC21-349	⬇	Inconsistant back button behaviour	Backlog (Lower Priority)
🔴	DC21-388	⬇	Rules for editing and changing the Type of a file are too restrictive	Backlog (Lower Priority)
🔴	DC21-394	⬇	All browsers - Minimised screen fails to display right hand header items without scrolling	Backlog (Lower Priority)
🔴	DC21-395	⬇	UI Footer fails to extend to far right on minimised width browsers	Backlog (Lower Priority)

🔴	DC21-397	⬇	UI - Experiment Details - Multiple FOR Codes alignment is not a new line per FOR code	Backlog (Higher Priority)
🔴	DC21-411	⬇	Small DC21 logo link is outside the image size. User can easily misclick it.	Backlog (Lower Priority)
🔴	DC21-416	⬇	Inputting an invalid date when uploading a file will redirect to an error page	Backlog (Lower Priority)
🔴	DC21-428	⬆	Replaced files are not being deleted from the server	Backlog (Higher Priority)
🔴	DC21-432	⬇	UI change: 'Edit Metadata' page should have 'explore' tab selected	Backlog (Higher Priority)
🔴	DC21-434	⬇	Edit Cart, table going off the page	Backlog (Higher Priority)
🔴	DC21-451	⬇	IE9 - UI - Add to Cart button is slightly cut off in Explore Data tab	Backlog (Lower Priority)
🔴	DC21-524	⬇	UI - IE7only - Explore files> Search> "Update search results" button is part obscured.	Backlog (Higher Priority)
🔴	DC21-537	⬇	Experiment name is not checked for uniqueness	Backlog (Lower Priority)
🔴	DC21-538	⬇	Two "Upload" buttons on Data/Upload screen, one doesnt work properly	Backlog (Higher Priority)
🔴	DC21-539	⬇	Time entry not possible if date entered manually	Backlog (Lower Priority)

🔴	DC21-545	⬇	Fix inconsistent "Back" behaviour	Backlog (Lower Priority)
🔴	DC21-548	⬇	File with filename of 255 characters cannot be uploaded twice	Backlog (Lower Priority)
🔴	DC21-550	⬇	Incorrect README.HTML RDFa attribute generated - facility id	Backlog (Higher Priority)
🔴	DC21-554	⬇	Searching By words are obsured	Backlog (Higher Priority)
🔴	DC21-555	⬆	Researcher is unable to Publish a package, instead sees "You are not authorized to access this page." & page refreshes to Dashboard view	Backlog (Higher Priority)
🔴	DC21-557	⬇	UI Chrome - File Upload > Tag checkboxes are not displaying fully	Backlog (Higher Priority)

Next Sprint

Sprint planning for Sprint 9 has not yet taken place.