



Use Case Analysis

Work in Progress

 This analysis and prioritization is a work in progress. Therefore, the categorization, complexity and prioritization of individual use cases is NOT finalized and may change as we receive additional feedback, suggestions.

 This page provides an analysis and prioritization for the [Use Cases](#) gathered via the 2014 Vision Survey and later DCAT Use Case gathering meetings. A few notes on this analysis:

Priorities are in "draft" form, but have been assigned based on a combination of three factors:

- "Votes" (likes or comments) on the Use Case page itself
- The average ranking from the 2014 Vision Survey (if it was included in that survey). These average rankings appear in the table on the [DSpace 2014 Product Plan](#) page
- The RoadMap Working Group's guess as to the likely priority of this use case. This working group consists of DCAT, Committer and Steering Group members.

Complexity is also in "draft" form and is based on the current state of the codebase. As such, it may change drastically for some use cases based on the eventual 2015-16 Technical RoadMap document. For example, a use case which already exists or "mostly" exists may be ranked as "Low". But if the RoadMap recommends rebuilding/refactoring related features/dependencies, its complexity may increase to "Medium" or "High".

Core / Non-Core specifies whether a given Use Case seems to be a "core" use case or "non-core" (Note: non-core does NOT mean this feature shouldn't be possible in DSpace. Rather, it just means that it likely should be provided either via an extension or integration to the "core" of DSpace).

Category	Use Case Name	Primary Actor	Related Topics / Notes	Related Technical Strategic Goal(s)	Core?	Complexity	Priority (1-5) (1 = highest)
Deposit	Batch Deposit (via UI / uploading spreadsheet)	End User / Administrator	<ul style="list-style-type: none"> • Basic version of this use case is already implemented as Importing and Exporting Items via Simple Archive Format • But, this particular use case is asking for an easier route to Batch Deposit, via CSV. Could be implemented via using some of the CSV code in Batch Metadata Editing (which is a good example of basic deposit via CSV) 	Goal 1: Fundamentals of IR, Goal 5: Low cost, "just works"	x	Medium/High	1
Browse /Search	Browse	End User	<ul style="list-style-type: none"> • Basic version of this use case already exists in Discovery • This particular use case implies some enhancements / cleanup 	Goal 1: Fundamentals of IR	x	Low	2
Browse /Search	Clear distinction between different types of contributor involvement	End User	<ul style="list-style-type: none"> • Use case describes a problem with how contributors are treated in DSpace (via Discovery) • Suggests an "Author Profile" page, which is related to both the @mire "Author Profiles" module and DSpace-CRIS 		x	Low	3
Access Control	Configure hidden communities that will not be visible to users without access	Administrator	<ul style="list-style-type: none"> • Already possible in DSpace, but it's not an "easy" thing to configure • Related to Discovery and Authorization / Access rights in general 	Goal 1: Fundamentals of IR, Goal 5: Low cost, "just works"	x	Medium	3
Editing	Crowdsourcing metadata for archived items	End User	<ul style="list-style-type: none"> • Relates to the following: <ul style="list-style-type: none"> ◦ Versioning of Items ◦ Authorization / Access rights in general • Variation on use case: Item editing by original submitters 	Goal 5: Low cost, "just works"		Medium	3
Deposit	Curated thumbnails	End User	<ul style="list-style-type: none"> • Relates to the following: <ul style="list-style-type: none"> ◦ Media Filters ◦ Submission UI 			Low	5
Browse /Search	Discovery and retrieval of content on mobile devices	End User	<ul style="list-style-type: none"> • Relates to the following: <ul style="list-style-type: none"> ◦ Discovery ◦ Themes (especially Mirage2 / JSPUI on bootstrap) 	Goal 1: Fundamentals of IR	x	Low	1

Deposit	Easy and Intuitive Deposit Interface	End User	<ul style="list-style-type: none"> Deposit interface already exists obviously, but this implies several enhancements This might be as simple as cleaning it up and making it easier to use (with tooltips, etc), and adding more HTML5 functionality (e.g. drag and drop) Loosely related to Admin UI - Aids and tooltips in the UI 	Goal 1: Fundamentals of IR, Goal 4: Integration with external services	x	High	1
Browse /Search	Enhanced access to related items	End User	<ul style="list-style-type: none"> Seems like it could be easily implementable by simply hyperlinking author names, subjects and linking them to searches on those "facets" in Discovery 	Goal 1: Fundamentals of IR	x	Low	1
Deposit	Flexible licensing	End User	<ul style="list-style-type: none"> Already exists to some extent in the existing CC Licensing deposit step. Unclear what enhancements would be implied to the existing functionality 	Goal 4: Integration with external services		Low	3
User Experience	In-browser page turner for accessing text based materials	End User	<ul style="list-style-type: none"> Great idea. But may require locating tools that can either be redistributed freely, or turning this into an optional module (which requires additional tools be installed) 	Goal 5: Low cost, "just works"		Medium	3
Browse /Search	Intelligent rendering of URL's in item Metadata	End User	<ul style="list-style-type: none"> Seems like it could be easily implementable in Discovery 	Goal 1: Fundamentals of IR	x	Low	2
Editing	Item editing by original submitters	End User	<ul style="list-style-type: none"> Related to Item Versioning Variation on use case: Crowdsourcing metadata for archived items (but seems less popular than this other use case) 			High	5
Browse /Search	Search for items	End User	<ul style="list-style-type: none"> Already exists in Discovery, but may require some minor enhancements to how searches work in Discovery 	Goal 1: Fundamentals of IR	x	Low	1
User Experience	Streaming Video Content	End User	<ul style="list-style-type: none"> Closely related to use case: Visitor can play media hosted on an external streaming media server Would require locating tools that can either be redistributed freely, or turning this into an optional module (which requires additional tools be installed) 	Goal 5: Low cost, "just works"		High	3
User Experience	Visitor can play media hosted on an external streaming media server	End User	<ul style="list-style-type: none"> Closely related to use case: Streaming Video Content Would require locating tools that can either be redistributed freely, or turning this into an optional module (which requires additional tools be installed) 	Goal 5: Low cost, "just works"		High	3
User Experience, Theming	Visual collection browsing	End User	<ul style="list-style-type: none"> Unclear how popular this is. Could it be as simple as selecting a collection "type" (textual, image-based, etc) to enable different "themes"? 			Medium	4
Incomplete	Ability to specify the emphasis of a collection through GUI	Administrator	<ul style="list-style-type: none"> May have overlap with use case: Visual collection browsing 			?	5
Preservation	Advanced Preservation - Format characterization	Administrator	<ul style="list-style-type: none"> Associated with use cases on Format identification and Format validation May be easier to implement as an integration with an external service/tool 	Goal 1: Fundamentals of IR, Goal 4: Integration with external services		Medium/High	3
Preservation	Advanced Preservation - Format Migration	Administrator	<ul style="list-style-type: none"> Would need to be an integration with an external service/tool 	Goal 4: Integration with external services		High	4
User Experience	Aids and tooltips in the UI	Administrator / End User	<ul style="list-style-type: none"> Seems like an obvious "win". Would also be usable in End User interfaces (like Deposit). See also End User - Easy and Intuitive Deposit Interface 	Goal 5: Low cost, "just works"	x	Low / Medium	1

Editing	Allow collection administrators to perform bulk metadata import	Administrator	<ul style="list-style-type: none"> Directly related to existing "Batch Metadata Editing" feature (which is currently Admin only though) 	Goal 1: Fundamentals of IR	x	Low	3
Theming , Configuration	Alter messages easier	Administrator		Goal 5: Low cost, "just works"	x	Medium	2
Theming	Apply an existing theme to a collection or community through the GUI	Administrator		Goal 5: Low cost, "just works"	x	High	1
Configuration , Deposit	Apply an input-form to the collection through the GUI	Administrator		Goal 5: Low cost, "just works"	x	High	1
Deposit, Workflow, Incomplete	Approval workflows	Administrator	<ul style="list-style-type: none"> Currently flagged as incomplete simply cause this use case has no details, so it's difficult to determine if it's fully "met" by the software 	Goal 5: Low cost, "just works"	x	Low	4
Preservation	Basic Preservation - Fixity Checking	Administrator	<ul style="list-style-type: none"> Existing Checksum checker & reporter does some of this, but not in UI 	Goal 1: Fundamentals of IR	x	Medium	2
Preservation	Basic Preservation - Format identification	Administrator	<ul style="list-style-type: none"> Current format identification is rudimentary (based on file extension). This has been an issue for some time 	Goal 1: Fundamentals of IR	x	Medium	1
Preservation	Basic Preservation - Format validation	Administrator	<ul style="list-style-type: none"> Is this something DSpace should do by default? Or should this really be an optional module which connects to an external service to perform validation? 	Goal 4: Integration with external services		High	3
Content Model	Change community/collection parent/child relationship	Administrator	<ul style="list-style-type: none"> Currently no easy way to perform moves of Communities or Collections, except via DB editing. 	Goal 5: Low cost, "just works"	x	Medium	1
Access Control	Change permissions of all the bitstreams in an item	Administrator	<ul style="list-style-type: none"> Exists in DSpace, but not an easy task to perform 	Goal 1: Fundamentals of IR	x	Low	2
Configuration	Changing / Editing OAI crosswalks	Administrator	<ul style="list-style-type: none"> Unclear how frequently such changes would need to be made. So, may not be a high priority for Admin UI quite yet. 			High	4
OAI , Browse /Search	Clear the OAI Cache	Administrator				Low	3
Reporting	Collection Admin can construct a Quality Control report	Administrator	<ul style="list-style-type: none"> May need some more specific use cases (types of reports, etc), as there's a lot of possibilities here 	Goal 5: Low cost, "just works"		Medium	3
Editing	Collection Admin can select fields to include in metadata export	Administrator	<ul style="list-style-type: none"> Directly related to making "Batch Metadata Editing" easier. You can manually delete fields after CSV export. 	Goal 5: Low cost, "just works"		Medium	4
Duplicate	Configuration edits to dspace.cfg	Administrator	<ul style="list-style-type: none"> Subset / Duplicate of Configurations in the admin UI 				
Configuration	Configurations in the admin UI	Administrator		Goal 5: Low cost, "just works"	x	High	1
Incomplete	Configure and Manage changes during an update	Administrator				?	5
Duplicate	Configure and manage custom facets	Administrator	<ul style="list-style-type: none"> Subset / Duplicate of Customise which metadata fields to facet upon, search upon 				
Configuration , Browse /Search	Customise which metadata fields to facet upon, search upon	Administrator		Goal 5: Low cost, "just works"	x	High	2
Duplicate	Database Driven Configuration Property Management	Administrator	<ul style="list-style-type: none"> Duplicate of Configurations in the admin UI 				

Deposit, Access Control	Embargo functionality	Administrator	<ul style="list-style-type: none"> DSpace already has some built in Embargo options. But, as Embargoes seem to be a hot topic, might be worth reviewing what enhancements are needed. 	Goal 1: Fundamentals of IR	x	Low	2
Duplicate	End to end solution for user who wish to batch deposit	Administrator	<ul style="list-style-type: none"> Subset / Duplicate of Use Case Batch Deposit 				
Reporting, Curation	Enhance the DSpace Curation System to Support a Flexible Query Tool	Administrator		Goal 5: Low cost, "just works"		Medium	3
Preservation, Reporting	Format reporting	Administrator	<ul style="list-style-type: none"> Dependent on Basic Preservation - Format identification 	Goal 1: Fundamentals of IR	x	Medium	2
Deposit	Generate Handle before committing Item	End User, Administrator	<ul style="list-style-type: none"> Unclear how popular / common this use case is 	Goal 4: Integration with external services		Medium	4
Configuration, Deposit	Manage controlled vocabularies	Administrator	<ul style="list-style-type: none"> Related to Configurations in the admin UI and Manage input forms and Manage Lists, Controlled Vocabularies and Authority Control 	Goal 5: Low cost, "just works"	x	Medium/High	2
Theming	Manage home page	Administrator		Goal 5: Low cost, "just works"	x	High	1
Configuration, Browse /Search	Manage Indexes/Indexing	Administrator	<ul style="list-style-type: none"> Closely compliments / relates to Customise which metadata fields to facet upon, search upon 	Goal 5: Low cost, "just works"	x	Medium	1
Configuration, Deposit	Manage input forms	Administrator	<ul style="list-style-type: none"> Related to Configurations in the admin UI 	Goal 5: Low cost, "just works"	x	High	1
Duplicate	Move a collection and trigger a re-index	Administrator	<ul style="list-style-type: none"> Duplicates Admin UI - Change community /collection parent/child relationship 				
Duplicate	Move a community	Administrator	<ul style="list-style-type: none"> Duplicates Admin UI - Change community /collection parent/child relationship 				
Incomplete	Permissions of a new user in an eperson group	Administrator				?	5
Reporting	Quality Control Reports	Administrator	<ul style="list-style-type: none"> Related to Admin UI - Collection Admin can construct a Quality Control report 	Goal 5: Low cost, "just works"		Low/Medium	3
Browse /Search	Rebuild the discovery index	Administrator	<ul style="list-style-type: none"> Related to Admin UI - Configure and manage browse indexes 	Goal 5: Low cost, "just works"	x	Low	2
OAI, Browse /Search	Rebuild the OAI index	Administrator	<ul style="list-style-type: none"> Related to Admin UI - Clear the OAI Cache 	Goal 5: Low cost, "just works"		Low	3
Duplicate	Run batch load	End User, Administrator	<ul style="list-style-type: none"> Duplicates End User - Batch Deposit 				
Deposit, Browse/Search	Run media filters	Administrator		Goal 5: Low cost, "just works"	x	Low	2
Theming	Theme management	Administrator	<ul style="list-style-type: none"> Related to Admin UI - Apply an existing theme to a collection or community through the GUI 	Goal 5: Low cost, "just works"	x	High	1
Theming	Theme templates	Administrator	<ul style="list-style-type: none"> Complimentary to / dependent on Admin UI - Theme management 	Goal 5: Low cost, "just works"	x	High	1
Browse /Search	Trigger the re-index of a collection	Administrator	<ul style="list-style-type: none"> Closely related to Admin UI - Rebuild the discovery index (but for specific collections only) 	Goal 5: Low cost, "just works"	x	Low	2
Deposit	Undo a bulk import from the User Interface	Administrator	<ul style="list-style-type: none"> Related to End User - Batch Deposit If a Batch Deposit has you verify the batch prior to deposit, this "undo" may be less necessary. 	Goal 5: Low cost, "just works"		Medium/High	3

Deposit, Workflow, Access Control	Updating a Workflow group	Administrator	<ul style="list-style-type: none"> As noted in use case, already possible in Configurable Workflow. But not easy in the default "workflow". 	Goal 1: Fundamentals of IR	x	Low	2
Deposit, Workflow	Workflow Overview Rejection	Administrator	<ul style="list-style-type: none"> This is more of a bug report, but likely one to resolve 			Low	2
Configuration, Reporting	System Alerts via Admin UI	Administrator	<ul style="list-style-type: none"> Relates to alerting an admin to possible configuration Some alerts may be easier to implement than others 	Goal 5: Low cost, "just works"	x	Medium	2
Access Control	Access Rights (public / private / limited access) on all levels of objects (Community / Collection / Item / Bitstream) within the system	Administrator	<ul style="list-style-type: none"> Available to some extent, but very difficult to currently configure. 	Goal 1: Fundamentals of IR	x	Medium	2
Statistics, Reporting	Advanced Statistics	End User, Administrator	<ul style="list-style-type: none"> While this is of high interest, it'd be hard to compete with tools which excel in statistical analysis (e.g. Google Analytics). So, it may be better to rely on an integration with external tools. But, a few of these use cases though might be relatively easy to add into existing Solr-based Statistics (e.g. referrer info). 	Goal 4: Integration with external services		Medium	3
Statistics	Allow repository admin to make usage statistics anonymous	Administrator	<ul style="list-style-type: none"> This is essentially a feature request / configuration request, but still seems to be a reasonable one. 			Low	3
Statistics, Reporting	Basic Statistics	End User, Administrator	<ul style="list-style-type: none"> The basis for these use cases are in the existing Solr Statistics. But, there's several enhancements / reports that are new. Ranked as one of the highest features in Vision Survey 	Goal 1: Fundamentals of IR	x	Medium	1
Statistics	Categorize and count item page referrers (Google search, Google Scholar, repository full text search, repository facet search, repository browse, repository related item, external link)	End User, Administrator	<ul style="list-style-type: none"> Seems to be highly related to the first story in Stats/Metrics - Advanced Statistics 			Low	3
Statistics	Clarify "Page Views per Search"	End User, Administrator	<ul style="list-style-type: none"> Seems like an improvement to Basic Stats Added as a child to Basic Statistics 		x	Low	3
Statistics	Clearly display item statistics and bitstream statistics	End User, Administrator	<ul style="list-style-type: none"> Seems like an improvement to Basic Stats Added as a child to Basic Statistics 		x	Low	2
Statistics	Clearly identify whether statistics counts apply to an object or to an object and its descendants	End User, Administrator	<ul style="list-style-type: none"> Seems like an improvement to Basic Stats Added as a child to Basic Statistics 		x	Low	2
Statistics	Configure Date Ranges for Usage Reports	End User, Administrator	<ul style="list-style-type: none"> Seems like an improvement to Basic Stats Added as a child to Basic Statistics 		x	Low	2
Statistics	Configure the number of top searches to display	Administrator				Low	3
Statistics, Integrations	Convey collection hierarchy to Google Analytics	Administrator		Goal 4: Integration with external services	x	Medium	3
Statistics	Cumulative Counts for Collection Pages	Administrator	<ul style="list-style-type: none"> Seems like an improvement to Basic Stats Added as a child to Basic Statistics 		x	Low	3
Statistics	Cumulative Counts for Community Pages	Administrator	<ul style="list-style-type: none"> Seems like an improvement to Basic Stats Added as a child to Basic Statistics 		x	Low	3
Statistics	Distinguish full-text searches from faceted navigation	Administrator	<ul style="list-style-type: none"> Seems like an improvement to Basic Stats Added as a child to Basic Statistics 		x	Low	3
Statistics, Reporting	Export Usage Statistics	Administrator, End User?			x	Medium	2
Statistics	Filter Usage by Referrer Domain	Administrator				Medium	3

Statistics	Include item usage statistics on public-facing item pages	End User	<ul style="list-style-type: none"> Seems like an improvement to Basic Stats Added as a child to Basic Statistics As implied in use case, may need to be configurable 		x	Low	2
Statistics, Reporting	More robust and configurable statistics reports	Administrator	<ul style="list-style-type: none"> Related to Stats/Metrics - Filter Usage by Referrer Domain as well 			Medium	3
Statistics	View number of times an item has been included in search results	Administrator	<ul style="list-style-type: none"> Unsure how widespread this use case is? 			Medium	4
Statistics	View Statistics Collection by Collection and Community by Community	Administrator	<ul style="list-style-type: none"> Seems like an improvement to Basic Stats Added as a child to Basic Statistics 		x	Medium	3
Integrations, Access Control, Configuration	Integration with external authentication / authorisation system	Administrator	<ul style="list-style-type: none"> Already implemented through LDAP, Shibboleth, and CAS support. Perhaps needs OAuth support in the future? 	Goal 4: Integration with external services	x	Medium	2
Integrations, Access Control, Configuration	Authentication through Multiple Mechanisms	Administrator	<ul style="list-style-type: none"> Not only integrate with external authentication services, but allow multiple external authentication options on a single service. Already implemented via Authentication Plugin mechanism? 	Goal 4: Integration with external services	x	Medium	2
Integrations, Metadata	Linking to other data sources search for available data	End User	<ul style="list-style-type: none"> Quite tricky. May be hard to match metadata sources. Some sources may need a subscription. Perhaps easier to implement through a method such as "Provide DOI, DSpace will find all the metadata" 	Goal 4: Integration with external services		High	4
Integrations	Use of multiple sorts of Direct Object Identifiers	Administrator	<ul style="list-style-type: none"> Adding CrossRef DOI support 	Goal 4: Integration with external services		Medium	3
Integrations, Deposit	Importing large files into repositories using an external system	End User	<ul style="list-style-type: none"> Overlap with lots of 'deposit' use cases Can be implemented via SWORD? Perhaps therefore not a DSpace requirement as such? 	Goal 4: Integration with external services		Medium	4
Integrations, User Experience	Linking to repository content through a learning management system	End User	<ul style="list-style-type: none"> Could be performed using LTI (Learning Tools Interoperability) Or could be implemented with a simple 'share this' type of approach 	Goal 4: Integration with external services		Medium	4
Integrations, User Experience	Integrating with third party document streaming services	End User	<ul style="list-style-type: none"> Embed a document viewer such as the Wellcome Library Player (http://www.wellcome.ac.uk/News/Media-office/Press-releases/2014/WTP055613.htm) 	Goal 4: Integration with external services		Medium	3
Integrations, Deposit, OAI	Importing data from discipline-specific systems into DSpace	End User	<ul style="list-style-type: none"> This could be implemented as a pull from an external system, or as a push from the the external system. Maybe SWORD deposit, or OAI-PMH harvesting 	Goal 4: Integration with external services		Low	4
Integrations, Deposit, OAI, User Experience	Integrations that avoid registering information multiple times within the organisation	End User	<ul style="list-style-type: none"> Overlaps with a lot of other content harvesting or deposit use cases Hard to describe as it could vary in so many ways according to the institutional setup of systems 	Goal 4: Integration with external services		Low	5
Integrations, OAI	Integrations that increase the exposure of content stored into DSpace in external systems	End User	<ul style="list-style-type: none"> Could be as simple as ensuring there is an OAI-PMH interface for harvesting the content into external search systems or aggregators 	Goal 4: Integration with external services	x	High	2
Integrations, Deposit, OAI, User Experience	Integrations that significantly lower the effort to fill DSpace with content, both from in house systems and third party content	End User	<ul style="list-style-type: none"> External harvest of other sources, e.g. via the existing OAI-PMH harvest functionality 	Goal 4: Integration with external services	x	High	2
Integrations, User Experience, Metadata	Integrations - Enrich metadata fields with external geographic information	End User	<ul style="list-style-type: none"> Either basic links to an external resolver / geo parser, or better in-built handling of geo data (PostGIS?) 	Goal 4: Integration with external services		High	5

Integrations, User Experience	Integrations - Personal Identifiers (ORCID)	End User	<ul style="list-style-type: none"> Would ORCID be implemented using the current controlled authority plugin system? 	Goal 4: Integration with external services	x	High	3
Integrations	Integrations - Support ORCID in Authority Cache	Administrator	<ul style="list-style-type: none"> Implement a link to ORCID identifiers. Include the ORCID in the user profile, but cache supplemental information in an index such as solr 	Goal 4: Integration with external services	x	High	3
Integrations	Integrations - Support for ORCID in the CSV Batch edit	Administrator	<ul style="list-style-type: none"> Include ORCID identifiers in the batch CSV editing functionality. Need to decide how to relate ORCIDs to author name strings in the DSpace data model, and then how to represent those in the CSV. 	Goal 4: Integration with external services	x	High	3
Integrations	Integrations - Handle System Identifiers	Administrator	<ul style="list-style-type: none"> Implemented already 	Goal 4: Integration with external services	x	High	1
Integrations	Integrations - Persistent Identifiers other than Handles (DOI)	Administrator	<ul style="list-style-type: none"> Two aspects to this: different identifiers (DSpace now supports DataCite), but also identifiers for more than just items, for example for bitstreams 	Goal 4: Integration with external services	x	Medium	4
Integrations, Deposit	Integrations - REST API	Administrator	<ul style="list-style-type: none"> Full REST API allowing all CRUD functions, not just READ operations Exists in DSpace 5.x 	Goal 4: Integration with external services	x	High	4
Integrations, OAI	Integrations - Support Standard Repository Machine Interfaces (OAI-PMH, SWORD, ResourceSync)	Administrator / End User	<ul style="list-style-type: none"> Ensure DSpace works in the wider scholarly systems landscape OAI-PMH, SWORDv1 and v2 are all already supported ResourceSync not yet core in DSpace distribution 	Goal 4: Integration with external services		Low	4
Integrations	Integrations - Search Engine Optimization	Administrator	<ul style="list-style-type: none"> Ensure DSpace user interfaces maintain best practice in this area 	Goal 4: Integration with external services	x	High	3
Structure, Configuration	Associate Separate Properties with Each DSpace Community	System	<ul style="list-style-type: none"> Seems like an implementation suggestion for how to support different settings/configs /themes on different Communities/Collections 				
Structure, Deposit, Integrations	Automated Deposit of New Items	System	<ul style="list-style-type: none"> Seems to be implemented already via SWORD, but would be dependent also on an external service to auto-deposit 	Goal 4: Integration with external services		Low	3
Structure, Editing, Versioning	Automated Retention of All changes to Items	System	<ul style="list-style-type: none"> At least partially implemented via versioning. But may need to be more in-grained into DSpace architecture 	Goal 1: Fundamentals of IR	x	High	1
Structure, Deposit, Integrations	Automated Update of Existing Items	System	<ul style="list-style-type: none"> Seems to be possible via SWORDv2 and REST API 	Goal 4: Integration with external services	x	Low	3
Structure, Content Model	Community and Collection hierarchy (or generic containers)	System	<ul style="list-style-type: none"> Frequently discussed request, and a likely simplification of our content model 	Goal 2: Lean and flexible	x	High	1
Structure, Content Model, Deposit	Create / manage files and metadata (as an Item)	System	<ul style="list-style-type: none"> Overlaps with End User - Batch Deposit Also describes flexibility of the Item / Bitstream hierarchy, but it's unclear if that's a high priority or not. 	Goal 2: Lean and flexible	x	High	2
Structure, Content Model, Browse/Search	Create the ability to place "dynamic collections" (pre-faceted view of a collection) within the community hierarchy.	System, Administrator	<ul style="list-style-type: none"> Sounds almost like creating a "collection" via a "Saved search" 			Medium	3
Structure, Content Model, Deposit, Metadata	Describe Individual Bitstream within an Item	End User, Administrator	<ul style="list-style-type: none"> Now possible cause of the "Metadata on all objects" added in DSpace 5 Just requires new UIs to be built to add such metadata on Bitstreams 	Goal 1: Fundamentals of IR	x	Medium	2

Duplicate	Drag and drop opportunities for changing collections structure	-	<ul style="list-style-type: none"> Duplicates Admin UI - Change community /collection parent/child relationship 				
Configuration , Deposit	Manage Lists, Controlled Vocabularies and Authority Control	Administrator	<ul style="list-style-type: none"> Related to Configurations in the admin UI and Manage controlled vocabularies 	Goal 5: Low cost, "just works"	x	High	2
Incomplete	Management of Deposits / Submissions	Administrator	<ul style="list-style-type: none"> This use case is vague and seems better described in other use cases (see page for comments) 				
Structure, Editing, Versioning	Manual Creation of "New Editions" of an Item	End User, Administrator	<ul style="list-style-type: none"> Some overlap with Automated Retention of All changes to Items At least partially implemented via versioning 	Goal 1: Fundamentals of IR	x	Medium	2
Structure, Editing, Versioning	Manual Edit of Existing Items	Administrator	<ul style="list-style-type: none"> Already implemented 	Goal 1: Fundamentals of IR	x	Low	3
Structure, Deposit	Manual Submission of New Items	End User	<ul style="list-style-type: none"> Already implemented, except where other use cases describe enhancements 	Goal 1: Fundamentals of IR	x	Low	3
Structure, Content Model, Metadata	Metadata for all levels of object hierarchy	System	<ul style="list-style-type: none"> Exists in DSpace 5 (at DB and API layers) Just may require new UI pages to be built 	Goal 1: Fundamentals of IR	x	Medium	2
Structure, Content Model	purpose of bundle layer	System	<ul style="list-style-type: none"> Often asked question. Bundles may be replaceable by metadata on a Bitstream, see also Describe Individual Bitstream within an Item 	Goal 1: Fundamentals of IR	x	Medium	2
Structure, Content Model, Relationships	Relationships between objects	System	<ul style="list-style-type: none"> Ranked very highly in 2013 Vision Survey 	Goal 1: Fundamentals of IR	x	High	1
Structure	Simple AssetStore for Human Traversal	System	<ul style="list-style-type: none"> Unclear how popular this would be, and whether it cause some performance issues 			Medium	4
Structure, Content Model, Relationships	Support for derivative objects	System	<ul style="list-style-type: none"> A basic version exists in "Media Filters", but this seems to describe a new type of object May relate to Structure - Relationships between objects 	Goal 1: Fundamentals of IR	x	Medium	3
Structure, Content Model, Metadata	Support for hierarchical metadata formats (e.g. METS / MODS)	System	<ul style="list-style-type: none"> Often talked about / requested, but quite complex to implement in our current data model Ranked in the "middle" of the 2013 Vision Survey 	Goal 1: Fundamentals of IR	x	High	2
Structure, Editing, Versioning, Preservation	Generated provenance for all added bitstreams	System	<ul style="list-style-type: none"> Related to Automated Retention of All changes to Items and Versioning in general 	Goal 1: Fundamentals of IR	x	Medium	3
Structure, Content Model, Relationships	Apply licenses to bitstreams	End User, Administrator	<ul style="list-style-type: none"> May have a dependency on Relationships between objects (as it may involve relating a "license" bitstream to "content" bitstream) 	Goal 1: Fundamentals of IR	x	High	3
Structure, Metadata, Preservation	Generate technical metadata per bitstream	System	<ul style="list-style-type: none"> May be related to Structure - Describe Individual Bitstream within an Item (though this is a more automated use case of it) Also related to some basic preservation activities (e.g. file format identification) 	Goal 1: Fundamentals of IR	x	Medium	3
Integrations, User Experience	Streaming Image Server (integration)	System	<ul style="list-style-type: none"> Relates to End User - Image file display (pan, zoom, size options), which describes some of the features needed in such an integration May wish to implement as an optional module? 	Goal 4: Integration with external services		Medium	3
Integrations, User Experience	Image file display (pan, zoom, size options)	End User	<ul style="list-style-type: none"> Relates to Integrations - Streaming Image Server Also may be related to Structure - Support for derivative objects May wish to implement as an optional module? 	Goal 4: Integration with external services		Medium	3

Deposit, Integrations	Email Deposit	End User	<ul style="list-style-type: none"> Dependent on some form of personal identifier, e.g. Integrations - Personal Identifiers (ORCID) Won the Ideas challenge at OR15, so of likely high interest 	Goal 4: Integration with external services		Low	2
Workflow	Workflow overview	Administrator	<ul style="list-style-type: none"> Use case may need more details. What info would be useful, etc. 	Goal 5: Low cost, "just works"	x	Low	2
Configuration, Deposit	Format checking of data entry in input forms	Administrator	<ul style="list-style-type: none"> Related to Admin UI - Manage input forms 	Goal 5: Low cost, "just works"	x	Low	2
Configuration, Deposit	Check Bitstream names against allowed file name pattern	Administrator	<ul style="list-style-type: none"> Related to Admin UI - Manage input forms and Structure - Format checking of data entry in input forms 	Goal 5: Low cost, "just works"	x	Low	3
Structure, Content Model	Simplify Collection Creation Based on Template	Administrator	<ul style="list-style-type: none"> Seems like a potential quick win in creating Collections/Communities 	Goal 5: Low cost, "just works"	x	Low	2
Configuration, Browse/Search	DSpace should accommodate basic index normalization	Administrator	<ul style="list-style-type: none"> Related to both Admin UI - Configure and manage browse indexes and Admin UI - Customise which metadata fields to facet upon, search upon Ideally, this would be a index-based configuration in the Admin UI 	Goal 5: Low cost, "just works"	x	Medium/High	3