

ARTMOB COMPONENT FUNCTIONALITY

Component	Description	Functionality Overview	Dependencies	Notes and Changes	Future Directions
Exhibit	A stand-alone module to build, navigate and annotate exhibits of site content.	<ul style="list-style-type: none"> • Allows administrators to specify content types that may be included in an exhibit (via a content types admin menu) • Gives administrators the ability to give users/user roles curatorial capabilities via the permissions admin page. • Adds a curate tab to the selected content to handle basic curatorial administration. • Adds a exhibits page to the standard Drupal menu system, which lists all published exhibits. • Curators can add an exhibit directly from the curate tab, or create a new exhibit via "create content". • Curators can add notes via the curate tab, or modify notes that they've already made. • Items can be given a relative position within an exhibit's order as per Drupal's standard "weighting" concept. • Those with privileges to administrate exhibits are provided with a table that shows all the curatorial notes for an item. • The exhibit module provides several interfaces via the Blocks admin menu. These interfaces can be assigned to regions in the template as per Drupal standard practice. • The Active Exhibit block displays a navigational interface for an exhibit item. It also displays the curatorial notes for an item. The Active Exhibit 	Independent	<ul style="list-style-type: none"> • The curate tab now handles all of the key exhibit functionality that was previously handled by the "curator block". The latter block is still fully functional, however. • As per Ren's suggestion, the module now allows a curator to start a new exhibit from a particular item. • Items can have multiple curatorial notes, both as part of one exhibit (if there are multiple curators) or across many exhibits. • The Featured exhibit block currently displays a list of all the items in the exhibit. This can be removed if a site admin overrides the theme function. • As a functional note - the exhibit module is driven via Drupal's categorization system. Upon install, it adds an "exhibit" 	<ul style="list-style-type: none"> • It may be unclear how to add and delete an item from an exhibit if you don't want to add a curatorial note. Will investigate some possible interface adjustments as part of this review. • Right now the curators are listed as user names, as Drupal has no out-of-the-box way to list the full name of a user. Names could be provided via the User Profiles module, which is part of the standard distribution, but it would have to be configured. The best way to handle this would be to make a note that admins should add full names via Profiles, and override the theme if they want those full names to appear. • We MAY want to consider a field to

		<p>block is automatically displayed once a user visits an exhibit page, and remains visible on any page that belongs to the selected exhibit. It can be closed via a block widget in the upper corner.</p> <ul style="list-style-type: none"> • The Related Exhibits block display a list of all of the exhibits that a current item belongs to. It must be explicitly assigned to appear. • The Featured Exhibit block allows admins to select an exhibit to highlight independently. It is expected that admins will use this to display an exhibit in a prominent location such as a homepage. • The Curator block adds some basic curatorial functionality, all of which is now present in the Curate tab. • The module provides two “modes” – “content” and “block” – that are determined via the Exhibit settings admin page. The former allows the active exhibit block to appear above the main “body” content. It gives less control over placement / staging but allows out-of-the-box access to this key navigational item. This is the default configuration. “Block” mode allows admins to place the active exhibit and curatorial notes in any region, with the expectation that they will override the standard theming to better suit their sites. 		<p>vocabulary whose terms represent individual exhibits. There are several internal mechanisms which coordinate exhibit creation, content inclusion and this vocabulary.</p> <ul style="list-style-type: none"> • The module has been recrafted to allow much more out-of-the-box functionality, including a modal approach that lets admins choose whether to place the Active exhibit navigation automatically or in a specific place. 	<p>list non-user curator in case an admin wants to add an exhibit on someone else's behalf.</p> <ul style="list-style-type: none"> • Dating exhibits is a bit of a fuzzy concept. Consider removing as part of the module, relying on admin's ability to add the field via CCK if they so desire.
Artmob License	Allows admins to add licenses to site content.	<ul style="list-style-type: none"> • Provides the ability to assign a license to individual content. • Licenses can be assigned and unassigned to individual content types via the content types menu. • A standard set of 6 Creative Commons Canada licenses are provided upon installation. • Licenses can be added via the Create 	Independent, with additional functionality if included as part of the Fair Dealing suite.	<ul style="list-style-type: none"> • There are significant differences between the module's two modes - Standard and Fair Dealing - so each should be tested independently. • These is still a known issue in Fair Dealing 	<ul style="list-style-type: none"> • We should give on-screen guidance (e.g. an admin warning that the license module is not configured for Fair Dealing). • Right now there is no built-in "All

		<p>Content menu, or via a license tab that appears on designated content types.</p> <ul style="list-style-type: none"> • The license tab displays full license information, including its title, its terms/description and a link to an external web source for more information. • It also displays rights holders. Rights holders are handled independently if the Fair Dealing suite is disabled, but uses Fair Dealing's Contributor system if the suite is present. • The licenses also allow for "additional instructions", meaning that admins can create a <i>variant</i> of a license with a proviso from the rights holders. These variant licenses will become part of the set of site licenses, but contain a reference to the original license. • Administrators are provided with a license assignment mechanism on the license tab. This allows for three options - assign an existing license, assign an existing license with additional conditions, or create a new license. As noted, licenses can also be added via the Create Content menu. • The license module can be set to "Fair Dealing mode" if the full suite is present. In Fair Dealing mode, licenses apply to <i>works</i> (as handled by the citation module) rather than to <i>nodes</i> (Drupal's standard content mechanism). • Fair Dealing mode displays licensing as per the standardized information designs for works. 		<p>mode - where the license tab appears on Page content when it shouldn't, given that the other Fair Dealing capabilities are no present.</p> <p>Investigating.</p> <ul style="list-style-type: none"> • Fair Dealing Mode (FDM) is opt-in, in case someone was using the module without the Suite and added the suite later. This may cause some confusion, as the license module may not appear to work out of the box if installed as part of the FD suite. This was intentional - as switch to FDM may cause the appearance of data loss, as licenses that were assigned to nodes would no longer appear. We will need to make note of this in the install. • An earlier version of Artmob license had a "Sitewide License capability, in case somebody wanted to put a single license on everything. Some of the functionality still exists, but it's not active at the moment, 	<p>Rights Reserved" style license. It's a subtle encouragement to investigate the provided licenses, but will seem like an omission.</p> <ul style="list-style-type: none"> • The licenses don't have "dates", though a standard line might be "© 2011 by the Artist" or somesuch. • Licensing info only appears on the license tab unless Artmob summary bar is enabled through the Artmob Main module. Perhaps we should add a license stipulation (as per above) as part of the main content view
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				and it may work against the dialogic and content-specific approach we're trying to encourage.	
Artmob Citation	<p>Allows administrators to separate the information about site content from the site content itself, and provides standardized fields to collect information about creative works.</p> <p>Introduces the concept that information applies to individual works contained in a content file rather than to the content itself.</p>	<ul style="list-style-type: none"> • Creates a "citation" tab that appears alongside viewable content. • The citation tab displays all known information about the individual works contained within an item. • It uses a Dublin Core strategy, providing standardized fields for works information to the Fair Dealing suite. • Administrators can opt-in to adding citation capabilities to individual content types. 	Part of the Fair Dealing suite.	<ul style="list-style-type: none"> • Citation information used to be editable as part of the node's "edit" tab. The introduction of multiple works made this interface visually and technically complex, and would have consumed a great deal of development time. In its place, individual works/citations are now editable via the Cite tab (for those with proper permissions). • Some additional testing may be required to ensure that the cite tab displays additional information fields - such as annotations, identifiers and the like. So far, most testing has been confined to the information collected via the Attribute tab. 	<ul style="list-style-type: none"> • Additional Dublin Core fields need to be added to accommodate some Banyan and as needed for site-specific uses. The module needs a better way to add fields that is less labour intensive and less prone to destabilizing the functionality. • While the citation allows you to edit existing works, it still relies on the Attribute tab to add additional works to an item, as the Attribute tab provides a mechanism to handle nesting and the like. Perhaps more clarity between the roles of the Cite tab and the Attribute tab is necessary. That is, the Attribute tab provides essential functionality that is unavailable via the Citation module. • More integration

					with Views would be advisable, which would allow site admins to build lists of works/content around individual data (E.g., the ability to create a list of works that belong to a particular series). This was not undertaken as Views changes radically in subsequent Drupal versions, and any of the time consuming work in this regard would have to be duplicated for the new version of Views.
Artmob Fair Dealing	<p>Allows administrators access to the core capabilities and information design that drives the Fair Dealing Suite.</p> <p>Provides an "Attribute" tab to content, that allows privileged users a step-by-step mechanism to add information about the works contained in a single content file.</p>	<ul style="list-style-type: none"> • Provides the Fair Dealing suite with all the necessary stylesheets, javascripts and core functions to capture and display individual works and their relationships, some outlined below. • Provides an "Attribute" tab which guides the privileged users when providing information about individual works. • Provides AJAX functions for all Fair Dealing modules, including the ability to display and save information about works without reloading the page. • Provides the information design for works (including the colour coding, iconography and staging) via its set of stylesheets and individual graphic items. • Allows administrators to assign Media Types via the Content Types menu. The Fair Dealing system relies on the 	Part of the Fair Dealing Suite	<ul style="list-style-type: none"> • There are some usability issues that still remain. Any usability suggestions, however, are welcome. • To make it more modular, the module now allows admins to assign Media Types to any content type on their system, rather than forcing them to rely on our Media suite. This is done through a pull-down menu on the Content Types page. The Attribute tab won't work unless a content type is 	<ul style="list-style-type: none"> • The Javascript that drives this module is very complex and could likely do with more optimization. This will be undertaken post-release, as the current scripts are functional and stabilized. • The Attribute tab only supports a subset of the information that is available via the Citation module. It should be expanded to be more complete.

		identification of pertinent media types - Video, Audio, Images or Digitized Documents.		associated with a media type.	
Artmob Respond	A suite of modules that provides dialogic capability to the Fair Dealing Suite. Drives the “Learn more. Know More? Do More!” rubric.	<ul style="list-style-type: none"> • Adds dialogic “comment” boxes and threaded discussions to various Fair Dealing tabs, if they exist. • Adds the “Learn more. Know More? Do more!” invitational menu to the site content View page. This provides a set of questions to direct users to the various relevant comment/dialogue boxes on other content tabs. • Allows administrators to view comments/responses as “tickets” via the Artmob Notification Centre. • Responses are e-mailed to the provided administrative addresses, and a mechanism is provided that lists all the responses on a site with links and basic administrative functions. • There are several interface elements added via this module - including a panel navigation for the Know More / Do More part of the license tab, which has some “intelligent” features that determine what panel it's supposed to be displaying. 	Part of the Fair Dealing suite.	<ul style="list-style-type: none"> • This was originally based on a disputational system - allowing administrators to assign dispute levels and “resolve” problems with particular content. This appears as somewhat of a legacy and hasn't been developed further, as it's somewhat at odds with the positive/dialogic model we're trying to promote. • We should definitely revisit the presumption of antagonism that the language implies. Nevertheless, these flags only appear to site administrators, and are for internal reference only - users do not see them, as of now. • 	<ul style="list-style-type: none"> • It might be wise to revisit the information design on the threaded conversations. The designer was working with our consistent colour scheme, which upon review seems somewhat heavy-handed here. There is significant design/production work to re-implement this, so it's been taken off the table for now, as the current system is functional.
Artmob Blackout	Allows administrators to “black out” disputed content from view without removing the non-copyrightable aspects of the	<ul style="list-style-type: none"> • Provides a “Blackout Content” flag in the create/edit menu. • Blocks out / redacts all of the “content” of a node, but otherwise leaves the item published and available. • Allows administrators to provide a custom black-out message, such as “This item was removed from the 	Part of the Fair Dealing suite.	<ul style="list-style-type: none"> • This was part of the original build that was redeveloped for the Fair Dealing suite as a last-moment throw-in. It should still be considered as an Alpha stage, but it 	<ul style="list-style-type: none"> • Right now, the module only allows for a site-wide blackout message. Should allow for a more localized message pertinent to a particular item.

	content from the archive altogether.	archive at the request of the rights holder”.		<p>could be a useful addition to the suite.</p> <ul style="list-style-type: none"> • Demands that admins use Drupal's “Private” file system to be truly secure - as some of the file attachments may still be available on the server. • The module could allow for more options, allowing admins to select which content fields are redacted and which aren't. This was part of the original module, but didn't survive in this build, as it was working with a pre-built set of known fields; a standard Drupal installation could use any number of third-party modules which provide content, meaning that this feature would need to be far more dynamic. 	<ul style="list-style-type: none"> • Add an opt-out for particular content fields basic on a dynamic content auditing mechanism.
Artmob Media	A suite of modules to add media-handling capabilities to an archive.	<ul style="list-style-type: none"> • Provides a set of shell modules to handle Audio, Video, Images and Digitized Documents. • Provides a navigation block via the Blocks admin page which links to media-specific pages. • Provides a series of views that administrators can enable to serve as media-specific browse pages. 		<ul style="list-style-type: none"> • The modules are considered “shells” because they rely heavily on third-party media handling modules, especially CCK (the Content Construction Kit) which is now 	<ul style="list-style-type: none"> •

				<p>considered Drupal best-practice.</p> <ul style="list-style-type: none"> • They all require some configuration, as there is no automated way to add CCK fields, which provide core functionality. • Ultimately, they should be considered as example modules, with notes as to best practices. • Still, they will work and can be set up with relative ease. 	
Artmob Main	Provides support for the Artmob theme, as well as the Artmob Browser.	<ul style="list-style-type: none"> • Provides some key themes and programming interfaces (APIs) that assist the Artmob theme. • Provides the functionality and interface design for the Artmob "Summary", which appears below the content on the Main content page. • Provides the Results Browser, a specialized component for the Views module that uses AJAX techniques to display archival items in sets. 		<ul style="list-style-type: none"> • This module has been stripped down in this incarnation. It used to be the catch-all for a lot of functionality, which has now be parceled to the relevant modules above. • It could be argued that the Summary bar should be part of the Fair Dealing module, and it might end up there in a future build. • The Results Browser could also have a use outside of the Artmob Theme, and therefore should be independent. That said, radical changes in Views prevents this functionality 	<ul style="list-style-type: none"> •

				from having an obvious upgrade path to future versions of Drupal, so it was left where it was until an upgrade strategy is in place.	
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