

User Collection Tool Data Dictionary

There are two types of MySQL database files: the application administrative database and the users' collection databases. Only one application administrative database exists for the User Collection Tool (UCT). Any number of user collection databases may exist depending the number of users and how the system is administered for the many users and their collections. Both database types are documented here.

Application Administrative Database

The administrative application MySQL database will be identified as ending in uct_access. This database contains user account and user collection database information. For a definition/description of specific fields, see the *Data Dictionary* section of this document.

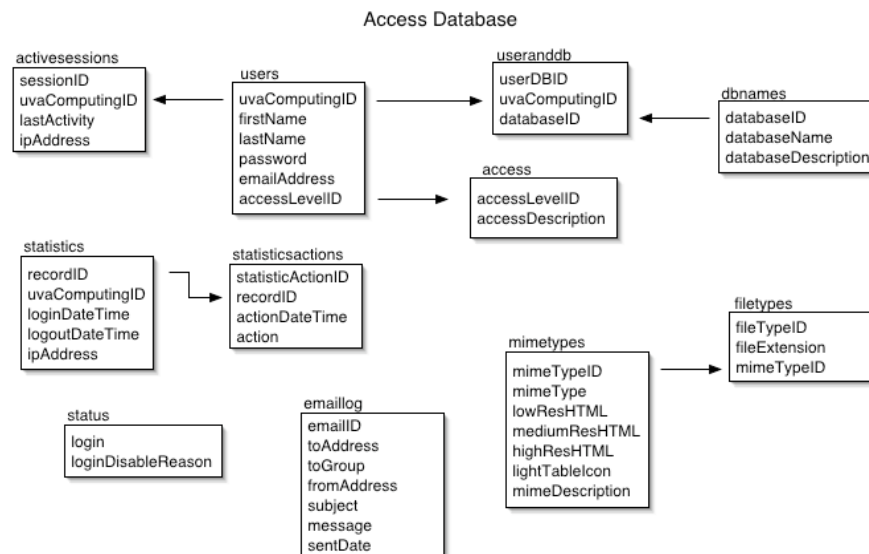


Figure 1.

Table Name	Access
Description	Lookup table that contains the acceptable levels of access allowed in the UCT application.
Database	Uct_access
Field List	AccessLevelID, accessDescription
Primary Key	accesslevelID
Indices	
Duplicate Rows	No
Foreign Keys	
Contents	1 – System Administration 2 – Read/Write/Publish 3 – Read/Write 4 - Read

Table Name	Activesessions
Description	Contains a record for each user that is actively logged into the UCT.
Database	Uct_access
Field List	SessionID, uvaComputingID, lastActivity, ipAddress
Primary Key	SessionID
Indices	UvaComputingID
Duplicate Rows	No
Foreign Keys	uvaComputingID

Table Name	Dbnames
Description	A list of the user collection databases that have been created via the UCT administration application and stored in MySQL.
Database	Uct_access
Field List	DatabaseID, databaseName, databaseDescription
Primary Key	databaseID
Indices	DatabaseName
Duplicate Rows	No
Foreign Keys	

Table Name	Emaillog
Description	Holds a copy of the information necessary to recreate any email messages that have been sent out from the UCT administration application. NOTE: The administrator may purge this table from time to time from within the application.
Database	Uct_access
Field List	EmailID, toAddress, toGroup, fromAddress, subject, message, sentDate
Primary Key	Emailed
Indices	
Duplicate Rows	No
Foreign Keys	

Table Name	Filetypes
Description	Serves to functions: used to generate selection lists of allowed file extensions for media files, and relates the file extension to the MIME type.
Database	Uct_access
Field List	FileTypeID, fileExtension, mimeTypeID
Primary Key	FileTypeID
Indices	FileExtension
Duplicate Rows	No
Foreign Keys	MimeTypeID

Table Name	Mimetypes
Description	Contains the MIME types that the UCT will support. Information regarding how the MIME type should be marked up as HTML and any icon displayed in the left frame while viewing images.
Database	Uct_access
Field List	MimeTypeID, mimeType, lowResHTML, mediumResHTML, hightResHTML, lightTableIcon, mimeTypeDescription
Primary Key	MimeTypeID
Indices	MimeType
Duplicate Rows	No
Foreign Keys	

Table Name	Statistics
Description	Logs each user's sessions to track when, how long, and where the application is being accessed from.
Database	Uct_access
Field List	RecordID, UvaComputingID, loginDateTime, logoutDateTime, ipAddress
Primary Key	recordID
Indices	
Duplicate Rows	No
Foreign Keys	UvaComputingID

Table Name	Statisticsactions
Description	Each action made by a user will be logged so as to determine which actions are being used and the duration of an action.
Database	Uct_access
Field List	StatisticActionID, recordID, actionDateTime, action
Primary Key	StatisticActionID
Indices	
Duplicate Rows	No
Foreign Keys	recordID

Table Name	Status
Description	Contains the current state of the login capability.
Database	Uct_access
Field List	Login, loginDisableReason
Primary Key	N/A
Indices	
Duplicate Rows	Yes
Foreign Keys	

Table Name	Userandddb
Description	Identifies the user collection databases that users have been given permission to access.
Database	Uct_access
Field List	UserDBID, uvaComputingID, databaseID
Primary Key	UserDBID
Indices	UvaComputingID, databaseID
Duplicate Rows	No
Foreign Keys	UvaComputingID, databaseID

Table Name	Users
Description	User accounts that are created in the UCT administration application are stored in this table. This is also where the access level that an account has is stored.
Database	Uct_access
Field List	UvaComputingID, firstName, lastName, password, emailAddress, accessLevelID.
Primary Key	UvaComputingID
Indices	
Duplicate Rows	No
Foreign Keys	AccessLevelID

User Collection Database(s)

A MySQL user collection database is created each time you create a database in the UCT administration application. This is the reason that you are asked to supply a database name when creating one. Each of these databases will be prefixed by “uct_” so that they can be easily identified in a database management application (e.g. phpMyAdmin). For a definition/description of specific fields, see the *Data Dictionary* section of this document.

Media files that are specified at the creation time of a UCT user collection database do not get stored in the database. URLs for those media files are stored with the records. The media files must reside on web accessible directories.

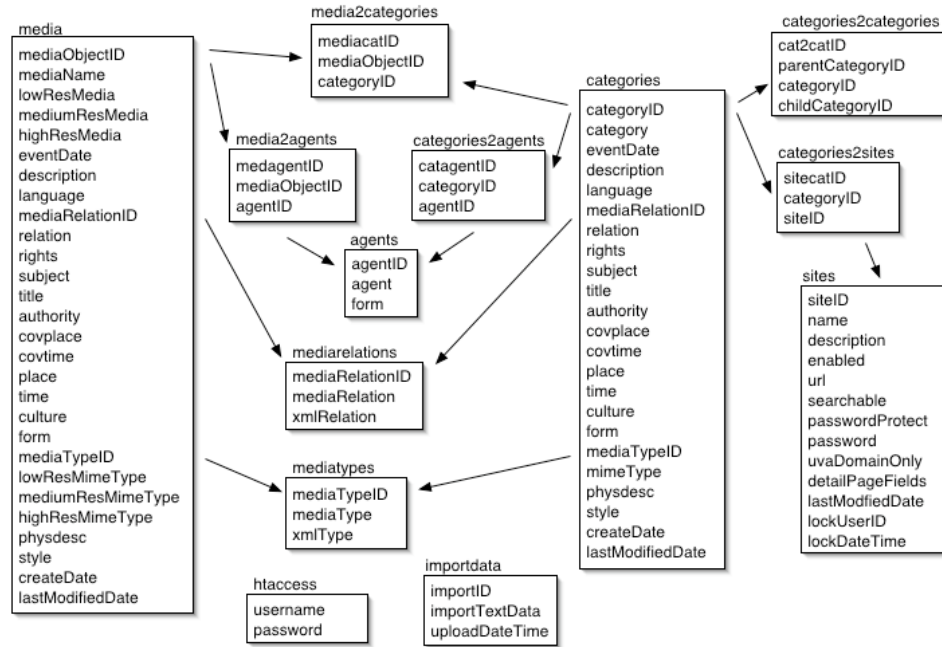


Figure 2.

Table Name	agents
Description	Holds all agents that are entered by the user for his/her collection.
Database	Uct_(unique collection identifier)
Field List	AgentID, agent, form
Primary Key	AgentID
Indices	Agent
Duplicate Rows	No
Foreign Keys	

Table Name	categories
Description	User-defined category metadata is stored here.
Database	Uct_(unique collection identifier)
Field List	CategoryID, category, categorySequence, eventDate, description, language, mediaRelationID, relation, rights, subject, title, authority, covPlace, covTime, place, time, culture, form, mediaTypeID, physDesc, style, createDate, lastMdfiedDate, lockUserID, lockDateTime
Primary Key	CategoryID
Indices	Category, description, title
Duplicate Rows	No
Foreign Keys	MediaRelationID, mediaTypeID, lockUserID

Table Name	categories2agents
Description	Provides the many-to-many relationship between categories and agents. All fields point to the category metadata
Database	Uct_(unique collection identifier)

Field List	Catagentid, categoryID, agentID
Primary Key	Catagentid
Indices	
Duplicate Rows	No
Foreign Keys	CategoryID, agentID

Table Name	categories2categories
Description	Provides the mechanism for storing the relationship (child, parent) between categories.
Database	Uct_(unique collection identifier)
Field List	Cat2catID, parentCategoryID, categoryID, childCategoryID
Primary Key	Cat2cat
Indices	
Duplicate Rows	No
Foreign Keys	ParentCategoryID, categoryID, childCategoryID

Table Name	categories2sites
Description	Provides the many-to-many relationship between categories and sites.
Database	Uct_(unique collection identifier)
Field List	SitecatID, categoryID, siteID
Primary Key	SitecatID
Indices	
Duplicate Rows	No
Foreign Keys	CategoryID, siteID

Table Name	Htaccess
Description	This is where the username and password that are associated with an htaccess restricted media set is stored. Only one record exists in this table.
Database	Uct_(unique collection identifier)
Field List	Username,password
Primary Key	
Indices	
Duplicate Rows	No
Foreign Keys	

Table Name	Importdata
Description	Contains the contents of the last file upload accomplished for importing metadata from an external data source. Only one record exists in this table at any given time.
Database	Uct_(unique collection identifier)
Field List	Imported, importTextData, uploadDateTime.
Primary Key	Imported
Indices	
Duplicate Rows	No
Foreign Keys	

Table Name	Media
Description	Contains the metadata for each media file.
Database	Uct_(unique collection identifier)
Field List	MediaObjectID, mediaName, mediaSequence, lowResMedia, muediumResMedia, highResMedia, eventDate, description, language, MediaRelationID, relation, rights, subject, title, authority, covPlace, covTime, place, time, culture, form, mediaTypeID, lowResMimeType, mediumResMimeType, highResMimeType, physDesc, style, createDate, lastModifiedDate, lockUserID, lockDateTime
Primary Key	MediaObjectID
Indices	MediaName, description, title
Duplicate Rows	No
Foreign Keys	

Table Name	Media2agents
Description	Contains many-to-many relationship between media objects and agents.
Database	Uct_(unique collection identifier)
Field List	MedagentID, mediaObjectID, agentID
Primary Key	MedagentID
Indices	
Duplicate Rows	No
Foreign Keys	MediaObjectID, agentID

Table Name	Media2categories
Description	Provides a way to maintain the many-to-many relationship between media objects and categories.
Database	Uct_(unique collection identifier)
Field List	MediacatID, mediaObjectID, categoryID
Primary Key	MediacatID
Indices	MediaObjectID, categoryID
Duplicate Rows	No
Foreign Keys	MediaObjectID, categoryID

Table Name	Mediarelations
Description	A lookup table that contains the acceptable relation types.
Database	Uct_(unique collection identifier)
Field List	MediaRelationID, mediaRelation, xmlRelation
Primary Key	MediaRelationID
Indices	
Duplicate Rows	No
Foreign Keys	
Contents	1 – is version of, isVersionOf 2 – has version, hasVersion 3 – is replaced by, isReplacedBy 4 – replaces, replaces 5 – is required by, isRequiredBy 6 – requires, requires 7 – is part of, isPartOf 8 – has part, hasPart 9 – is referenced by, isReferencedBy 10 – references, references 11 – is format of, isFormatOf 12 – has format, hasFormat 13 – has source, hasSource 14 – is source of, isSourceOf 15 – other, other

Table Name	Mediatypes
Description	A lookup table that contains the acceptable media types.
Database	Uct_(unique collection identifier)
Field List	MediaTypeID, mediaType, xmlType
Primary Key	MediaTypeID
Indices	
Duplicate Rows	No
Foreign Keys	
Contents	1 – collection, collection 2 – dataset, dataset 3 – event, event 4 – image, image 5 – interactive resource, interactiveresource 6 – service, service 7 – software, software 8 – sound, sound 9 – text, text 10 – thing (non Dublin Core), thing

Table Name	Sites
Description	The information regarding created sites is stored here.
Database	Uct_(unique collection identifier)
Field List	SiteID, name, description, enabled, url, searchable, passwordProtect, password, uvaDomainOnly, detailPageFields, lastModifiedDate, lockUserID, lockDateTime
Primary Key	SiteID
Indices	
Duplicate Rows	No
Foreign Keys	

Data Dictionary**Access level description – Agent Form**

Data Element Name	Access level description
Description	A simple description that describes the access allowed at this level.
Database	Uct_access
Field Name	AccessDescription
Tables	Access
Data Type	Varchar(100)
Null Value	No
Default Value	
Related Elements	Access level identifier
Notes	

Data Element Name	Access level identifier
Description	An unique identifier that represents an access level associated with an user account.
Database	Uct_access
Field Name	AccessLevelID
Tables	Access
Data Type	Unsigned tinyint(3)
Null Value	No
Default Value	
Related Elements	Access level description
Notes	Auto-incrementing primary key in the access table. Values in this table are fixed. Any changes to the values in this table will require PHP code modifications.

Data Element Name	Agent form
Description	Identifies whether the agent is a person or corporation. Used for exporting the data into the XML GDMS format.
Database	Uct_(unique collection identifier)
Field Name	Form
Tables	Agents
Data Type	Enumerated list ('corpname', 'persname', 'other')
Null Value	No
Default Value	Other
Related Elements	
Notes	

Agent identifier - Authority

Data Element Name	Agent identifier
Description	An unique identifier that represents an agent. This key is used to reference the agent when describing relationships between the agent and the media or category.
Database	Uct_(unique collection identifier)
Field Name	agentID
Tables	Agents, categories2agents, media2agents
Data Type	Unsigned int(10)
Null Value	No
Default Value	
Related Elements	Agent name
Notes	Auto-incrementing primary key in the agents table.

Data Element Name	Agent name
Description	A creator, publisher or content provider for the media. This may be a person or corporation.
Database	Uct_(unique collection identifier)
Field Name	Agent
Tables	Agents
Data Type	Varchar(255)
Null Value	No
Default Value	
Related Elements	Agent identifier
Notes	

Data Element Name	Authority
Description	Information regarding the source of the information (bibliographic or otherwise) contained in the metadata.
Database	Uct_(unique collection identifier)
Field Name	Authority
Tables	Categories, media
Data Type	Varchar(255)
Null Value	Yes
Default Value	NULL
Related Elements	
Notes	

Call number – Category identifier

Data Element Name	Call number
Description	Contains the identifier for a library resource (book, video, etc.).
Database	Uct_(unique collection identifier)
Field Name	callNumber
Tables	Categories, media
Data Type	Varchar(100)
Null Value	Yes
Default Value	NULL
Related Elements	
Notes	

Data Element Name	Category to agent identifier
Description	A unique identifier that represents a category to agent relationship.
Database	Uct_(unique collection identifier)
Field Name	Catagentid
Tables	Categories2agents
Data Type	Unsigned int(10)
Null Value	No
Default Value	
Related Elements	
Notes	Auto-incrementing primary key for its table.

Data Element Name	Category identifier
Description	A unique identifier that represents a category. This key is used to reference the category when describing relationships between the category and media objects, sites, or other categories.
Database	Uct_(unique collection identifier)
Field Name	CategoryID
Tables	Categories, categories2agents, categories2categories, categories2sites, media2categories
Data Type	Unsigned int(10)
Null Value	No
Default Value	
Related Elements	Category name
Notes	Auto-incrementing primary key in the categories table.

Category name – Category to category identifier

Data Element Name	Category name
Description	The name of the category.
Database	Uct_(unique collection identifier)
Field Name	Category
Tables	Categories
Data Type	Varchar(255)
Null Value	No
Default Value	
Related Elements	Category identifier
Notes	

Data Element Name	Category sequence
Description	The sequence that the category should be displayed when listed. This allows for categories to be displayed in a non-alphabetized manner.
Database	Uct_(unique collection identifier)
Field Name	CategorySequence
Tables	Categories
Data Type	Decimal(12,4)
Null Value	Yes
Default Value	NULL
Related Elements	Media sequence
Notes	

Data Element Name	Category to category identifier
Description	A unique identifier that represents a parent-child relationship between categories.
Database	Uct_(unique collection identifier)
Field Name	Cat2catID
Tables	Categories2categories
Data Type	Unsigned bigint(20)
Null Value	No
Default Value	
Related Elements	
Notes	Auto-incrementing primary key for its table.

Child category identifier – Culture of origin

Data Element Name	Child category identifier
Description	The category identifier that represents a child category in the hierarchy defined by a user.
Database	Uct_(unique collection identifier)
Field Name	ChildCategoryID
Tables	Categories2categories
Data Type	Unsigned int(10)
Null Value	No
Default Value	0
Related Elements	Category identifier, parent category identifier
Notes	

Data Element Name	Creation date
Description	The date and time that the table record is created, assigned at the time the media or category record is inserted into the database.
Database	Uct_(unique collection identifier)
Field Name	CreateDate
Tables	Categories, media
Data Type	Datetime
Null Value	No
Default Value	0000-00-00 00:00:00
Related Elements	
Notes	

Data Element Name	Culture of origin
Description	Text that indicates the culture of origin or context for a given item.
Database	Uct_(unique collection identifier)
Field Name	Culture
Tables	Categories, media
Data Type	Varchar(255)
Null Value	Yes
Default Value	NULL
Related Elements	
Notes	

Database description - Date

Data Element Name	Database description
Description	Description of the user collection stored in a MySQL database.
Database	Uct_access
Field Name	DatabaseDescription
Tables	Dbnames
Data Type	Varchar(255)
Null Value	Yes
Default Value	NULL
Related Elements	Database name
Notes	

Data Element Name	Database identifier
Description	An unique identifier representing a MySQL collection database.
Database	Uct_access
Field Name	DatabaseID
Tables	Dbnames, useranddb
Data Type	Unsigned int(10)
Null Value	No
Default Value	
Related Elements	Database name, database description
Notes	Auto-incrementing primary key for the dbnames table.

Data Element Name	Database name
Description	The MySQL database name containing an user collection.
Database	Uct_access
Field Name	DatabaseName
Tables	Dbnames
Data Type	Varchar(100)
Null Value	No
Default Value	
Related Elements	Database identifier
Notes	

Data Element Name	Date
Description	The date the content owner defines for the media or category.
Database	Uct_(unique collection identifier)
Field Name	EventDate
Tables	Categories, media
Data Type	Varchar(50)
Null Value	Yes
Default Value	NULL
Related Elements	Time period, Covered time period
Notes	

Description – Electronic mail identifier

Data Element Name	Description
Description	Description of the media object or category.
Database	Uct_(unique collection identifier)
Field Name	Description
Tables	Categories, media
Data Type	Longtext
Null Value	Yes
Default Value	NULL
Related Elements	
Notes	

Data Element Name	Electronic mail date and time sent
Description	The date and time that the email message was sent from the UCT administration module.
Database	Uct_access
Field Name	SentDate
Tables	Emaillog
Data Type	Datetime
Null Value	No
Default Value	0000-00-00 00:00:00
Related Elements	
Notes	

Data Element Name	Electronic mail identifier
Description	An unique identifier that represents a mail message sent out from the UCT administration application.
Database	Uct_access
Field Name	Emailed
Tables	Emaillog
Data Type	Unsigned int(10)
Null Value	No
Default Value	
Related Elements	
Notes	Auto-incrementing primary key for its table.

Electronic mail addressed to - Electronic mail message body

Data Element Name	Electronic mail addressed to
Description	A list of the email addresses that were used when the email message was sent out from the UCT administration application.
Database	Uct_access
Field Name	ToAddress
Tables	Emaillog
Data Type	Text
Null Value	No
Default Value	
Related Elements	Electronic mail addressed to a group of users
Notes	

Data Element Name	Electronic mail addressed to a group of users
Description	When sending email, it is possible to select all user accounts or those actively logged in rather than just individual users.
Database	Uct_access
Field Name	ToGroup
Tables	Emaillog
Data Type	Varchar(20)
Null Value	No
Default Value	
Related Elements	Electronic mail addressed to
Notes	

Data Element Name	Electronic mail message body
Description	The contents of the email message that was sent out from the UCT administration module.
Database	Uct_access
Field Name	Message
Tables	Emaillog
Data Type	Text
Null Value	No
Default Value	
Related Elements	
Notes	

Electronic mail sent from – File extension

Data Element Name	Electronic mail sent from
Description	The address of the user account logged into the administration module when the email message was sent out.
Database	Uct_access
Field Name	FromAddress
Tables	Emaillog
Data Type	Varchar(50)
Null Value	No
Default Value	
Related Elements	
Notes	

Data Element Name	Electronic mail subject line
Description	The contents of the subject line of the mail message that was sent via the email form in the UCT administration application.
Database	Uct_access
Field Name	Subject
Tables	Emaillog
Data Type	Varchar(50)
Null Value	No
Default Value	
Related Elements	
Notes	

Data Element Name	File extension
Description	An unique file name extension allowed for media files that are affiliated with an user collection database.
Database	Uct_access
Field Name	FileExtension
Tables	Filetypes
Data Type	Binary Varchar(10)
Null Value	No
Default Value	
Related Elements	File extension identifier
Notes	This field has a binary attribute so that lower and upper case versions of the same extension are considered different. This is necessary since the Unix file system is case sensitive in its file and directory naming scheme.

File extension identifier - High resolution media MIME type markup

Data Element Name	File extension identifier
Description	An unique identifier that represents a file name extension type that is allowed for media files associated with an user collection database.
Database	Uct_access
Field Name	FileTypeID
Tables	Filetypes
Data Type	Unsigned int(10)
Null Value	No
Default Value	
Related Elements	File extension
Notes	Auto-incrementing primary key for its table.

Data Element Name	Form
Description	The form of the contents of the parent element, according to a non-Dublin Core scheme, e.g. poetry, prose, fiction, painting, sculpture, etc. This may also function as a qualifier for the media type element.
Database	Uct_(unique collection identifier)
Field Name	Form
Tables	Categories, media
Data Type	Varchar(255)
Null Value	Yes
Default Value	NULL
Related Elements	Media type
Notes	

Data Element Name	High resolution media MIME type markup
Description	The HTML markup to be used when generating a reference to the high resolution version of a media object.
Database	Uct_access
Field Name	highResHTML
Tables	Mimetypes
Data Type	Varchar(255)
Null Value	No
Default Value	
Related Elements	MIME type, low resolution media MIME type markup, medium resolution media MIME type markup
Notes	“%s” is used in the markup to indicate where a “parameter” gets inserted when generating the HTML dynamically.

Htaccess password - Import data identifier

Data Element Name	Htaccess password
Description	The password required by the htaccess protocol for gaining access to a restricted web site.
Database	Uct_(unique collection identifier)
Field Name	Password
Tables	Htaccess
Data Type	Varchar(255)
Null Value	No
Default Value	
Related Elements	Htaccess username
Notes	A record/value only exists if htaccess is required to get to the media objects for a user collection.

Data Element Name	Htaccess username
Description	The username required by the htaccess protocol for gaining access to a restricted web site.
Database	Uct_(unique collection identifier)
Field Name	Username
Tables	Htaccess
Data Type	Varchar(255)
Null Value	No
Default Value	
Related Elements	Htaccess password
Notes	A record/value only exists if htaccess is required to get to the media objects for a user collection.

Data Element Name	Import data identifier
Description	The auto-incrementing primary key for the record used to hold any uploaded data that is imported into the media table.
Database	Uct_(unique collection identifier)
Field Name	Imported
Tables	Importdata
Data Type	Unsigned tinyint(4)
Null Value	No
Default Value	
Related Elements	
Notes	Only one record will ever exist in the importdata table since each upload will overwrite any previous uploaded content.

Import data uploaded - Internet Protocol address

Data Element Name	Import data uploaded
Description	Contains the contents of any uploaded data file intended for importing into an user collection.
Database	Uct_(unique collection identifier)
Field Name	ImportTextData
Tables	Importdata
Data Type	Longtext
Null Value	Yes
Default Value	NULL
Related Elements	Import data upload time
Notes	Only one data file can be uploaded/imported at any given time.

Data Element Name	Import data upload time
Description	The date and time that the last import data was uploaded
Database	Uct_(unique collection identifier)
Field Name	UploadDateTime
Tables	Importdata
Data Type	Timestamp(14)
Null Value	Yes
Default Value	NULL
Related Elements	Import data uploaded
Notes	Only one data file can be uploaded/imported at any given time.

Data Element Name	Internet Protocol address
Description	The physical IP address of the workstation that the active user session is operating.
Database	Uct_access
Field Name	IpAddress
Tables	Activesessions, statistics
Data Type	Varchar(50)
Null Value	No
Default Value	
Related Elements	
Notes	This is tracked so that if someone determines that his/her account is being compromised, we can possibly identify where it's happening.

Last browser activity - Login status disable reason

Data Element Name	Last browser activity
Description	Represents the last date and time that the active user session took an action in the browser. An action would consist of a mouse click that initiated a web server request.
Database	Uct_access
Field Name	LastActivity
Tables	Activesessions
Data Type	Datetime
Null Value	Yes
Default Value	NULL
Related Elements	
Notes	This is used to determine if an account is already logged in. The UCT does not allow the same account to be logged in multiple times simultaneously.

Data Element Name	Login status
Description	Identifies the current status of being able to log into the UCT
Database	Uct_access
Field Name	Login
Tables	Status
Data Type	Enumerated list ('enabled', 'disabled')
Null Value	No
Default Value	Enabled
Related Elements	Login status disable reason
Notes	

Data Element Name	Login status disable reason
Description	Explanation of why the login is disabled for the UCT.
Database	Uct_access
Field Name	LoginDisableReason
Tables	Status
Data Type	Text
Null Value	Yes
Default Value	NULL
Related Elements	Login status
Notes	This field only contains a value when the login status is 'disabled'.

Low resolution media MIME type markup - Media object high resolution URL

Data Element Name	Low resolution media MIME type markup
Description	The HTML markup to be used when generating a reference to the low resolution version of a media object.
Database	Uct_access
Field Name	LowResHTML
Tables	Mimetypes
Data Type	Varchar(255)
Null Value	No
Default Value	
Related Elements	MIME type, medium resolution media MIME type markup, high resolution media MIME type markup
Notes	“%s” is used in the markup to indicate where a “parameter” gets inserted when generating the HTML dynamically.

Data Element Name	Media object high resolution URL
Description	The web location of the high resolution version of the object.
Database	Uct_(unique collection identifier)
Field Name	highResMedia
Tables	Media
Data Type	Varchar(255)
Null Value	No
Default Value	
Related Elements	Media object medium resolution URL, media object low resolution URL
Notes	This is populated at the time that the media object is defined in the user collection. It is not modifiable by the user. Multiple resolutions are not required by the UCT, the same URL may be repeated in multiple resolutions.

Media object high resolution MIME type - Media object low resolution MIME type

Data Element Name	Media object high resolution MIME type
Description	The MIME type of the media object high resolution URL file.
Database	Uct_(unique collection identifier)
Field Name	highResMimeType
Tables	Media
Data Type	Varchar(255)
Null Value	Yes
Default Value	NULL
Related Elements	Media object medium resolution MIME type, media object low resolution MIME type
Notes	This is populated at the time that the media object is defined in the user collection. It is not modifiable by the user.

Data Element Name	Media object identifier
Description	A unique identifier that represents a media object defined in an user collection. This element is used internally by the system only.
Database	Uct_(unique collection identifier)
Field Name	MediaObjectID
Tables	Media, media2agents, media2categories
Data Type	Unsigned int(10)
Null Value	No
Default Value	
Related Elements	Media object name
Notes	Auto-incrementing primary key in the media table.

Data Element Name	Media object low resolution MIME type
Description	The MIME type of the media object low resolution URL file.
Database	Uct_(unique collection identifier)
Field Name	LowResMimeType
Tables	Media
Data Type	Varchar(255)
Null Value	Yes
Default Value	NULL
Related Elements	Media object medium resolution MIME type, media object high resolution MIME type
Notes	This is populated at the time that the media object is defined in the user collection. It is not modifiable by the user.

Media object low resolution URL - Media object medium resolution URL

Data Element Name	Media object low resolution URL
Description	The web location of the low resolution version for the media object.
Database	Uct_(unique collection identifier)
Field Name	LowResMedia
Tables	Media
Data Type	Varchar(255)
Null Value	No
Default Value	
Related Elements	Media object medium resolution URL, media object high resolution URL
Notes	This is populated at the time that the media object is defined in the user collection. It is not modifiable by the user. Multiple resolutions are not required by the UCT, the same URL may be repeated in multiple resolutions.

Data Element Name	Media object medium resolution MIME type
Description	The MIME type of the media object medium resolution URL file.
Database	Uct_(unique collection identifier)
Field Name	mediumResMimeType
Tables	Media
Data Type	Varchar(255)
Null Value	Yes
Default Value	NULL
Related Elements	Media object low resolution MIME type, media object high resolution MIME type
Notes	This is populated at the time that the media object is defined in the user collection. It is not modifiable by the user.

Data Element Name	Media object medium resolution URL
Description	The web location of the medium resolution for the media object.
Database	Uct_(unique collection identifier)
Field Name	MediumResMedia
Tables	Media
Data Type	Varchar(255)
Null Value	No
Default Value	
Related Elements	Media object low resolution URL, media object high resolution URL
Notes	This is populated when the media object is defined in the user collection. It is not modifiable by the user. Multiple resolutions are not required by the UCT, the same URL may be repeated.

Media object name - Media object to agent identifier

Data Element Name	Media object name
Description	A unique identifier that represents a media object defined in an user collection. This name is visible to the user when working in the application.
Database	Uct_(unique collection identifier)
Field Name	MediaName
Tables	Media
Data Type	Varchar(255)
Null Value	No
Default Value	File name (less the extension) of the media object.
Related Elements	Media object identifier
Notes	If media objects in separate web locations have the same file name, then “(copy N)” is added to make the name unique. N would be a positive number greater than or equal to 2 as appropriate.

Data Element Name	Media object sequence
Description	The sequence that the media item should be displayed when listed. This allows for media objects to be displayed in a non-alphabetized media name order.
Database	Uct_(unique collection identifier)
Field Name	MediaSequence
Tables	Media
Data Type	Decimal(12,4)
Null Value	Yes
Default Value	NULL
Related Elements	Category sequence
Notes	

Data Element Name	Media object to agent identifier
Description	A unique identifier that represents a unique media object to agent relationship.
Database	Uct_(unique collection identifier)
Field Name	medagentid
Tables	Media2agents
Data Type	Unsigned int(20)
Null Value	No
Default Value	
Related Elements	
Notes	Auto-incrementing primary key for its table.

Media object to category identifier - Media type

Data Element Name	Media object to category identifier
Description	A unique identifier that represents a unique media object to category relationship.
Database	Uct_(unique collection identifier)
Field Name	MediacatID
Tables	Media2categories
Data Type	Unsigned int(20)
Null Value	No
Default Value	
Related Elements	
Notes	Auto-incrementing primary key for its table.

Data Element Name	Media relation
Description	A short descriptive phrase indicating the classification of the relation that is described in the “relation to another item” data element.
Database	Uct_(unique collection identifier)
Field Name	MediaRelation
Tables	Mediarelations
Data Type	Varchar(25)
Null Value	No
Default Value	
Related Elements	Relation type identifier, XML media relation
Notes	This is a lookup field used to create a selection list.

Data Element Name	Media type
Description	The nature of the contents of the item according to the Dublin Core list of types which includes: collection, dataset, event, image, etc.
Database	Uct_(unique collection identifier)
Field Name	MediaType
Tables	Mediatypes
Data Type	Varchar(50)
Null Value	No
Default Value	
Related Elements	Media type identifier, xml media type, form (optionally)
Notes	This is a lookup field used to create a selection list.

Media type identifier - MIME type

Data Element Name	Media type identifier
Description	A unique identifier that represents a media type. This key is used to reference the media type when working with categories and media objects.
Database	Uct_(unique collection identifier)
Field Name	MediaTypeID
Tables	Categories, media, mediatypes
Data Type	Unsigned tinyint(3)
Null Value	Yes
Default Value	NULL
Related Elements	Media type, XML media type
Notes	Auto-incrementing primary key in the mediatypes table.

Data Element Name	Medium resolution media MIME type markup
Description	The HTML markup to be used when generating a reference to the medium resolution version of a media object.
Database	Uct_access
Field Name	mediumResHTML
Tables	Mimetypes
Data Type	Varchar(255)
Null Value	No
Default Value	
Related Elements	MIME type, low resolution media MIME type markup, high resolution media MIME type markup
Notes	“%s” is used in the markup to indicate where a “parameter” gets inserted when generating the HTML dynamically.

Data Element Name	MIME type
Description	A valid unique MIME type/subtype as defined for a web server and browser.
Database	Uct_access
Field Name	MimeType
Tables	Mimetypes
Data Type	Varchar(255)
Null Value	No
Default Value	
Related Elements	MIME type identifier
Notes	

MIME type description - MIME type preview graphic

Data Element Name	MIME type description
Description	A brief description of the MIME type.
Database	Uct_access
Field Name	MimeDescription
Tables	Mimetypes
Data Type	Varchar(255)
Null Value	No
Default Value	
Related Elements	MIME type
Notes	This description is used when generating the HTML for media object metadata.

Data Element Name	MIME type identifier
Description	An unique identifier that represents a MIME type that is supported in the UCT.
Database	Uct_access
Field Name	MimeTypeID
Tables	Filetypes, mimetypes
Data Type	Unsigned int(10)
Null Value	No
Default Value	
Related Elements	
Notes	Auto-incrementing primary key in the mimetypes table.

Data Element Name	MIME type preview graphic
Description	The URL of a preview sized image that represents what the media object MIME type is when it is not an image that is displayable in the browser window.
Database	Uct_access
Field Name	LightTableIcon
Tables	Mimetypes
Data Type	Varchar(255)
Null Value	No
Default Value	
Related Elements	MIME type
Notes	

Modification date - Physical description

Data Element Name	Modification date
Description	The date and time that any of the record content was last updated.
Database	Uct_(unique collection identifier)
Field Name	LastModifiedDate
Tables	Categories, media, sites
Data Type	Timestamp(14)
Null Value	Yes
Default Value	NULL
Related Elements	
Notes	

Data Element Name	Parent category identifier
Description	The category identifier that represents a parent category in the hierarchy defined by a user.
Database	Uct_(unique collection identifier)
Field Name	ParentCategoryID
Tables	Categories2categories
Data Type	Unsigned int(10)
Null Value	No
Default Value	0
Related Elements	Category identifier, child category identifier
Notes	

Data Element Name	Physical description
Description	Information regarding the extent of the item, i.e. file size (for electronic items), physical dimensions (for physical objects), medium, etc.
Database	Uct_(unique collection identifier)
Field Name	PhysDesc
Tables	Categoryies, media
Data Type	Text
Null Value	Yes
Default Value	NULL
Related Elements	
Notes	

Place - Record identifier

Data Element Name	Place
Description	Describes the location characteristics of the item.
Database	Uct_(unique collection identifier)
Field Name	place
Tables	Categories, media
Data Type	Text
Null Value	Yes
Default Value	NULL
Related Elements	Place covered
Notes	

Data Element Name	Place covered
Description	Describes the location characteristics of the content of the item. For example, if a painting the UVA Rotunda is painted by an artist in his/her studio in NYC, then the place of coverage is where the Rotunda is located: Charlottesville, VA.
Database	Uct_(unique collection identifier)
Field Name	CovPlace
Tables	Categories, media
Data Type	Text
Null Value	Yes
Default Value	NULL
Related Elements	Place
Notes	

Data Element Name	Record identifier
Description	Unique record identifier
Database	Uct_access
Field Name	RecordID
Tables	Statistics, statisticsactions
Data Type	Unsigned Bigint(20)
Null Value	No
Default Value	0
Related Elements	
Notes	Auto-incrementing primary key in statistics table

Record lock date and time - Relation type identifier

Data Element Name	Record lock date and time
Description	Identifies when a user selected a record for editing.
Database	Uct_(unique collection identifier)
Field Name	LockDateTime
Tables	Categories, media, sites
Data Type	Datetime
Null Value	Yes
Default Value	NULL
Related Elements	Record locked by user
Notes	Since a user session will timeout after a specified time (setting is 20 minutes), the date and time of a record locking is necessary so that the record can be freed up for someone else to edit. This prevents a locked record from staying locked indefinitely.

Data Element Name	Record locked by user
Description	Contains the Uva computing identifier for the user that currently has the record selected for editing.
Database	Uct_(unique collection identifier)
Field Name	LockUserID
Tables	Categories, media, sites
Data Type	Varchar(10)
Null Value	Yes
Default Value	NULL
Related Elements	Record lock date and time
Notes	

Data Element Name	Relation to another item
Description	A description of the relationship between a category/media object and another item that may be internal or external to the UCT.
Database	Uct_(unique collection identifier)
Field Name	Relation
Tables	Categories, media
Data Type	Varchar(255)
Null Value	Yes
Default Value	NULL
Related Elements	Relation type identifier
Notes	

Relation type identifier – Rights statement

Data Element Name	Relation type identifier
Description	A unique identifier for a descriptor to clarify the relation of this item to another that is internal or external to the UCT.
Database	Uct_(unique collection identifier)
Field Name	MediaRelationID
Tables	Categories, media, mediaRelations
Data Type	Unsigned tiny int(4)
Null Value	Yes
Default Value	NULL
Related Elements	Relation to another item, media relation type
Notes	The value is not allowed to be null in the mediaRelations table as it is the primary key in that table.

Data Element Name	Rights statement
Description	It may contain information concerning accessibility, reproduction of images, copyright holder, restrictions, securing permissions for use of images, etc.
Database	Uct_(unique collection identifier)
Field Name	Rights
Tables	Categories, media
Data Type	Longtext
Null Value	Yes
Default Value	NULL
Related Elements	
Notes	

Session identifier – Site category identifier

Data Element Name	Session identifier
Description	An unique identifier that represents an actively logged in user session.
Database	Uct_access
Field Name	SessionID
Tables	Activesessions
Data Type	Unsigned bigint(20)
Null Value	No
Default Value	
Related Elements	
Notes	Auto-incrementing primary key for its table.

Data Element Name	Site category identifier
Description	A unique identifier that represents that a category has been defined as part of a site.
Database	Uct_(unique collection identifier)
Field Name	SitecatID
Tables	Categories2sites
Data Type	Unsigned bigint(20)
Null Value	No
Default Value	
Related Elements	
Notes	Auto-incrementing primary key for its table.

Site description - Site enabled

Data Element Name	Site description
Description	A (optional) description of the site that will be displayed on the site's published main page.
Database	Uct_(unique collection identifier)
Field Name	Description
Tables	Sites
Data Type	Text
Null Value	No
Default Value	
Related Elements	
Notes	This field may contain HTML markup.

Data Element Name	Site detail page fields displayed
Description	The metadata fields that are to be displayed when accessing a media object's detail page from a published web site.
Database	Uct_(unique collection identifier)
Field Name	DetailPageFields
Tables	Sites
Data Type	Text
Null Value	Yes
Default Value	NULL
Related Elements	
Notes	This is a comma separated list of the field names in the media table that should be displayed.

Data Element Name	Site enabled
Description	Indicates if the site has been published for the world to see via the web.
Database	Uct_(unique collection identifier)
Field Name	Enabled
Tables	Sites
Data Type	Enumerated list ('y','n')
Null Value	No
Default Value	N
Related Elements	
Notes	

Site identifier - Site password

Data Element Name	Site identifier
Description	A unique identifier that represents a user defined site.
Database	Uct_(unique collection identifier)
Field Name	SiteID
Tables	Categories2sites, sites
Data Type	Unsigned int(10)
Null Value	No
Default Value	
Related Elements	
Notes	Auto-incrementing primary key for the sites table.

Data Element Name	Site name
Description	The name of a site as defined by an user in the UCT.
Database	Uct_(unique collection identifier)
Field Name	Name
Tables	Sites
Data Type	Varchar(30)
Null Value	No
Default Value	
Related Elements	Site identifier
Notes	The site name is not required to be unique. So there is not necessarily a one-to-one relationship between site identifier and site name.

Data Element Name	Site password
Description	The password required to access the web site.
Database	Uct_(unique collection identifier)
Field Name	Password
Tables	Sites
Data Type	Varchar(40)
Null Value	Yes
Default Value	NULL
Related Elements	Site password protected
Notes	The password is not stored in an encrypted format because the user may forget the password and simply want to see what it was and not be required to re-submit it. (When editing site information, the user should see the password that was entered.)

Site password protected - Site searchable

Data Element Name	Site password protected
Description	Indicates if the site should require entering a password before allowing access to it.
Database	Uct_(unique collection identifier)
Field Name	PasswordProtect
Tables	Sites
Data Type	Enumerated list ('y','n')
Null Value	No
Default Value	N
Related Elements	Site password
Notes	

Data Element Name	Site restricted to UVA only
Description	Indicates if the site should be restricted to UVA IP addresses only.
Database	Uct_(unique collection identifier)
Field Name	UvaDomainOnly
Tables	Sites
Data Type	Enumerated list ('y','n')
Null Value	No
Default Value	Y
Related Elements	
Notes	The acceptable IP address domain values are stored in the array \$uvaDomainIPAddresses in the constants.php file of the collectionsites application directory.

Data Element Name	Site searchable
Description	Indicates if the site should include a search feature.
Database	Uct_(unique collection identifier)
Field Name	Searchable
Tables	Sites
Data Type	Enumerated list ('y','n')
Null Value	No
Default Value	N
Related Elements	
Notes	

Site URL – Statistics action record identifier

Data Element Name	Site URL
Description	The web address of a user-defined published site.
Field Name	url
Tables	Sites
Data Type	Varchar(255)
Null Value	No
Default Value	
Related Elements	Site identifier, database identifier
Notes	Sites are dynamically generated when visited. The site identifier and database identifier are contained in the web address so that the correct user collection and site are accessed to generate the web site.

Data Element Name	Statistics action record identifier
Description	Unique identifier for a user session action/datetime activity log
Field Name	StatisticActionID
Tables	Statisticsactions
Data Type	Unsigned Bigint(20)
Null Value	No
Default Value	
Related Elements	
Notes	Auto-incrementing primary key field.

Style – Subject content

Data Element Name	Style
Description	Stylistic name or period, e.g. Baroque, Bebop, etc., distinct from the temporal coverage of an object.
Database	Uct_(unique collection identifier)
Field Name	Style
Tables	Categories, media
Data Type	Varchar(255)
Null Value	Yes
Default Value	NULL
Related Elements	
Notes	

Data Element Name	Subject content
Description	Topic of the item. Typically the subject will be expressed as keywords or phrases that describe the subject content of the object, or terms related to significant associations of people, places, and events, or other contextual information.
Database	Uct_(unique collection identifier)
Field Name	Subject
Tables	Categories, media
Data Type	Varchar(255)
Null Value	Yes
Default Value	NULL
Related Elements	
Notes	

Time period - Title

Data Element Name	Time period
Description	Describes the temporal characteristics of the item.
Database	Uct_(unique collection identifier)
Field Name	time
Tables	Categories, media
Data Type	Varchar(255)
Null Value	Yes
Default Value	NULL
Related Elements	Time period covered
Notes	

Data Element Name	Time period covered
Description	Describes the temporal characteristics of the content of the item.
Database	Uct_(unique collection identifier)
Field Name	covTime
Tables	Categories, media
Data Type	Varchar(255)
Null Value	Yes
Default Value	NULL
Related Elements	Time period
Notes	

Data Element Name	Title
Description	Name given to the item by the creator or publisher. If no title exists, supply a title, an identifying phrase, or a name for the item.
Database	Uct_(unique collection identifier)
Field Name	Title
Tables	Categories, media
Data Type	Text
Null Value	Yes
Default Value	NULL
Related Elements	
Notes	

User account email address - User account last name

Data Element Name	User account email address
Description	The electronic mail address for the user account.
Database	Uct_access
Field Name	EmailAddress
Tables	Users
Data Type	Varchar(50)
Null Value	No
Default Value	
Related Elements	UVA computing identifier
Notes	

Data Element Name	User account first name
Description	The first name of the person that has the user account in the UCT.
Database	Uct_access
Field Name	FirstName
Tables	Users
Data Type	Varchar(20)
Null Value	No
Default Value	
Related Elements	UVA computing identifier, user account last name
Notes	

Data Element Name	User account last name
Description	The last name of the person that has the user account in the UCT.
Database	Uct_access
Field Name	lastName
Tables	Users
Data Type	Varchar(30)
Null Value	No
Default Value	
Related Elements	UVA computing identifier, user account first name
Notes	

User account password – User session action

Data Element Name	User account password
Description	The password required to log into the UCT when specifying the UVA computing identifier
Database	Uct_access
Field Name	Password
Tables	Users
Data Type	Varchar(40)
Null Value	No
Default Value	
Related Elements	UVA computing identifier
Notes	This field is encrypted to ensure that each user's password is not know by the system administrator. Plus in the event the database is hacked, no passwords will be visible to compromise an user account.

Data Element Name	User database identifier
Description	An unique identifier that represents that a specific user has access to a specific database.
Database	Uct_access
Field Name	UserDBID
Tables	Useranddb
Data Type	Unsigned bigint(20)
Null Value	No
Default Value	
Related Elements	UVA computing identifier, database identifier
Notes	Auto-incrementing primary key for its table.

Data Element Name	User session action
Description	The action made by a user during a session.
Database	Uct_access
Field Name	Action
Tables	Statisticsactions
Data Type	Varchar(25)
Null Value	Yes
Default Value	NULL
Related Elements	User session action time
Notes	“login/light table” is used to indicate any action not clearly defined by the \$action variable in the application. 3 login/light table actions get generated by the login process alone.

User session action time – User session logout time

Data Element Name	User session action time
Description	The date/time that an action is made by a user during a session.
Database	Uct_access
Field Name	ActionDateTime
Tables	Statisticsactions
Data Type	Datetime
Null Value	Yes
Default Value	NULL
Related Elements	User session action
Notes	

Data Element Name	User session login time
Description	The date/time of login for a user session.
Database	Uct_access
Field Name	LoginDateTime
Tables	Statistics
Data Type	Datetime
Null Value	Yes
Default Value	NULL
Related Elements	
Notes	

Data Element Name	User session logout time
Description	The date/time of logout for a user session.
Database	Uct_access
Field Name	LogoutDateTime
Tables	Statistics
Data Type	Datetime
Null Value	Yes
Default Value	NULL
Related Elements	
Notes	

UVA Computing Identifier – XML media type

Data Element Name	UVA Computing Identifier
Description	An unique identifier provided by UVA for all computing needs. This account is defined by ITC for email, scheduling, etc.
Database	Uct_access
Field Name	UvaComputingID
Tables	Activesessions, statistics, useranddb, users
Data Type	Varchar(10)
Null Value	No
Default Value	
Related Elements	
Notes	In some cases, there are generic identifier/accounts created. For example, admin is a generic system administrator account for the UCT.

Data Element Name	XML media relation
Description	A short descriptive phrase used in the type attribute when generating a GDMS tag for the “relation to another item” data element. It indicates the classification of the relation that is described in the “relation to another item” data element.
Database	Uct_(unique collection identifier)
Field Name	xmlRelation
Tables	Mediarelations
Data Type	Varchar(25)
Null Value	No
Default Value	
Related Elements	Relation type identifier, media relation
Notes	Used for XML generation only.

Data Element Name	XML media type
Description	A short description used in the type attribute when generating a GDMS media tag. It indicates the nature of the contents of the item according to the Dublin Core list of types which includes: collection, dataset, event, image, etc.
Database	Uct_(unique collection identifier)
Field Name	xmlType
Tables	Mediatypes
Data Type	Varchar(50)
Null Value	No
Default Value	
Related Elements	Media type identifier, media type, form (optionally)
Notes	Used for XML generation only.