

Qi user manual

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1. Introduction

This document covers all aspects of Qi, including how it works, how data is organised, what its fundamental concepts are, as well as its different sections and functionalities. This is one of a number of manuals that accompanies Qi and it is dedicated to regular users. The other standard manuals cover administration and reporting. In addition, depending on your installation, there may be extra manuals dedicated to your specific instance of Qi, for collections management and website management.

2. How Qi works

Qi is a modern and state-of-the art information management system, built from the ground up using web technologies and distributed as Software as a Service (SaaS).



Qi is based on a pure HTML5 and CSS3 interface for its front end, combined with a PHP5/MySQL backend structure. It requires a simple Apache/MySQL application server - there is no software to install nor to update. Qi is compatible with any modern operating system and modern browsers.

All Qi code is Object Oriented based on the MVC (Model-View-Controller) design pattern.

3. The Qi data structure

Qi is based on strong relational database principles, using SQL databases as backend. The data in Qi is full normalised - meaning that for each relationship only IDs of related records are stored in the database - not the actual values. This means that every snippet of information only exists once in the whole database structure and removes any risk of out-of-date or orphaned text strings.

3.1. Configuration and flexibility

Qi is an *abstract* database management software. What this means is that Qi does not have a pre-defined data schema, like most collections management systems - but the structure of the database may be different for each customer and situation.

As Keepthinking is committed to international standards, any custom configuration will be guided by standardisation (e.g. SPECTRUM, CDWA, CHIN, ISAD(g), RDA, etc). At the same time Qi sees standards as a set of starting guidelines, which can be followed entirely or modified to cope with complex situations.

The configuration is purely managed at the database level, not on the software code - which is the same for every installation. This means that irrespective of how customised the database is, customers can upgrade to newer version of the software with ease.

3.2. Clusters, nodes and types

Qi is founded on the principles of *clusters*, *nodes* and *types*.

- > **Clusters** are grouping mechanisms for Nodes and Types, each with bigger logical separation than what is below. A typical use of clusters is institutions with multiple sites or departments, where each unit wants to have control over its own management team and media libraries.
- > Nodes are sections of the database that are linked to access control. A database may include a single node (e.g. a very small museum with no loan activities) or multiple nodes and sub-nodes (e.g. a cluster of large and small museums working together). In between, we have single museums with multiple collections or institutions that manage more than just their collection in Qi, e.g. archive and library.
- > **Types** are Content templates. Each type corresponds to one or more tables in the database and includes one or more fields, foreign keys, authorities and digital assets.

Each *node* will include one or more *types*. For instance the Object type may be used in the Collection node as well as in the Loans node, in the first case to catalogue objects in the museum's own collection while in others to create records of objects that are borrowed temporarily.



The typical Qi collection management structure will include three nodes for each museum (collection, activities, loans) - but this can vary in different situations.

3.3. Content and lists

Simply put, Content is everything that requires approval and can be divided into different nodes. Lists are used to categorise content, do not require approval and span the whole database - they are not node-dependent.

3.4. Fields, Relationships and Dependents

Each type (of content or list) will include fields and relationships.

- Fields are for information that for a record only need to have a single value: e.g. accession number, number of items, short description and so on. Field types may range from free text to authority pick lists, with everything in between: dates, times, currency, numbers and so on.
- > **Relationships** are for information that is repeated, like dimensions, movements, exhibitions, valuations and keywords. Qi has two types of relationships:
 - **Many to Many (M-N)** relationships link two records: one object may be linked to two artists and one artist may be linked to multiple objects.
 - **One to Many (1-M)** relationships create multiple values for one specific record: valuations, dimensions, etc. that don't belong to any other objects.
- > Relationships may also have *contextual* fields, for instance the caption for objects in an exhibition.
- > **Dependents** are a special type of One to Many (1-M) relationship, whereas a parent displays all of its immediate children or a list value displays all of the records that have selected that value.

4. The Qi interface

This section is about the Qi interface.

4.1. The Dashboard

The dashboard is the first screen you will see in Qi. It has a list of all the content available, recent activity and quick links (depending on configuration and permissions).

Qi										Administrator — Glo	bal Admin	ტ
Dashboard	+ Content	Packages	∷≣ Lists	🗣 Media	Review 7	💄 Users	👤 Teams	🚓 Configure				
Search existing rec	ords	Welcome t	o your das	hboard	opened recently o	r needs your at	ention.					
Include shared a	access Search	To review <u>See</u>	<u>all</u>							Quick links UK		
Edit or create reco	ords	Website I Ac	cordions ny <u>Administrator</u> on 2	3/06/2022 at 16:59:16				VISIT / PAGES - CONTR	ENT BLOCKS	New Archives	+++++++++++++++++++++++++++++++++++++++	
▼ UK		UK I - Test ti	tle - Test date					NEW ACCESSIONS	ARCHIVES	New Exhibitions	+	
Archive		Created by Ad	ministrator on 23/06/	2022 at 17:51:18						New Library	+	
4 Archives	218061	Website I Co	Ilection Highlight	s 3/06/2022 at 18:42:04				EXPLO	DRE / PAGES	New People & Organisations	+	
↓ Library	4721	Website I Te	st					FOOTER / PAGES - CONTR	ENT BLOCKS			
Art Collection		Last updated b	y <u>Administrator</u> on 2-	4/06/2022 at 12:20:51								
↓ Artworks	511	Becent chang	100									
Disposals		Recent chang	les									
4 Archives		Website I Fe	ature Resource	MODIFIED 4/06/2022 at 18:47:47				HOME / BA	NNER LINKS			
↓ Artworks	331	Website I Re	search visit	DIFIED				VISIT / PAG	ES - FORMS			
New accessions		Last updated b	y <u>Administrator</u> on 2-	4/06/2022 at 17:28:28								
4 Archives	11	Website I Sa	mple accordion	MODIFIED			(EXPLORE / PAGES - CONTR	ENT BLOCKS			
Activities		Last updated b	y <u>Administrator</u> on 2-	4/06/2022 at 16:50:34								
↓ Accessions	6765	Website I Br	owse Topics M	ODIFIED 4/06/2022 at 16:07:37				HOME	/ FEATURES			
↓ Conservation	779	Website I Te	st MODIFIED					FOOTER / PAGES - CONTE	ENT BLOCKS			
L Deaccessions		Last updated b	y <u>Administrator</u> on 2-	4/06/2022 at 12:20:51								

On the Dashboard:

📕 Dashboard 🕂 Content 🔄 Packages 🗄 Lists 🖵 Media 🛍 Review 💄 Users 🚉 Teams 🕁 Configure	Dashboard	+ Content	Packages	:≣ Lists	D Media	Beview	Q Users	🔍 Teams	⇔ ° Configure			٩
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The main menu is what gives you access to all available options, Content, Lists, etc. On the right hand side you also have a global search option.

Search existing records Keyword search	Global search, across all authorised content.
Collection Bibliography Bibliography series 1 Collections	List of all Nodes (bold) and Types. Grey numbers are the total number of records (including drafts), yellow numbers are records pending review (Drafts). Drafts are records that have unapproved changes.
Locations 1 Objects 10 1	
New Acquisitions + New Event venues + New Events + New Objects +	Quick links to creating new content.

To review See all

awev	COLLECTION / OBJECTS
Last updated by Administrator on 22/07/2014 at 13:01:27	

List of items to review.

Recent changes

Wiki, de Vos,Cornelis,1585/_/ 65151651 MODIFIED Last updated by <u>Administrator</u> on 22/07/2014 at 14:38:26	COLLECTION / BIBLIOGRAPHY
Dijk project, G,O,1987/03/13 - 13241234-ADSF MODIFIED Last updated by Administrator on 22/07/2014 at 14:37:01	COLLECTION / BIBLIOGRAPHY
My first event - Processie (2014-07-22) - Big vernissage - GardenTerrace (2014-07-22) MODIFIED Last updated by <u>Administrator</u> on 22/07/2014 at 14:27:38	ACTIVITIES / EVENT VENUES

List of recent changes.

My drafts

Maryland donation Created by <u>Administrator</u> on 04/07/2014 at 14:52:58	COLLECTION / ACQUISITIONS
Canvas integrity check Created by <u>Administrator</u> on 04/07/2014 at 12:51:19	COLLECTION / CONDITION CHECKING

List of records I am working on, but are not yet approved.

5. Managing content

Content is the main part of the database, where you will be working most of the time. As already mentioned, content can be divided in Clusters, Nodes and Types.

If you for example select the Collection (node) » Objects (type), this is what you might see (depending on your permissions).

Province	Antwerpe	n								Administrator — Adm	inistrators	
Dashboard	+ Content	Packages	i≣ Lists	🗣 Modia	Boview	💄 Users	👤 Teams	🞎 [®] Configure			-	٩
Objects Create a new rec	vord +	COLLECTION / OBJE Edit record Search or sele	crs ds act a record or o	reate a new one								
Q SEARCH Everywhere	~	10 of 10 record	S (, 1 pending)						View	Add TExport	Select all	
ID		651 - 2012.112.78 awev										80
Objectnummer		eertsert,354345										80
Uniek objectnumn Collectie	ner	105	fobj,123123								ڻ X	8
» Object title	•		Minimal sculptu	re - 99000099							ڻ x	80
objectnaam »	-	Minimal sculptu	ıre,9900								<u>ل</u>	80
Package		My first event,6	51								<u>ں</u> ×	80
» E Status	•	My object									۵×	80
Draft	Mine only	sertdfg,345									<u>ں</u> ×	ð
Otfline Deleted Clean	Has images	Tram,2543									0 ×	80

5.1. Search

On the left, you will find a search form, with many fields (configurable, by Keepthinking).

On the left, I can search for existing records or create new ones. On the right, I can select an existing record to view and edit. From the list of records I can also export data and create *packages* (see below).

- > Everywhere searches all field (including relationships)
- > Individual fields, which may be text, check boxes or drop down lists
- > Dates must be searched using YYYY or YYYY-MM or YYYY-MM-DD

Search has several *modifiers*:

- > A normal *string* will perform a *pattern* search, accent and case insensitive: searching for *light* will also find *lighter* and *lowlight*.
- > If you want to search for a whole word or sentence, you can wrap in "double quotes"
- > Boolean operators available are **AND**, **OR**, **NOT**, **EMPTY** and **NOT EMPTY** (all in UPPERCASE) the last two find fields that have / do not have a value
- > For numeric and date fields you can use additional modifiers (all in UPPERCASE):
 - **GT** searches values Greater Than (e.g. "GT 1000")
 - GTE searches values Greater or Equal Than (e.g. "GTE 1000")
 - LT searches values Less Than (e.g. "LT 1000")
 - LT searches values Less or Equal Than (e.g. "LTE 1000")
 - BETWEEN searches ranges (e.g. "BETWEEN "2015-01-01 2015-01-31)

On the results, a vertical yellow line means that the object has modifications that are waiting to be approved.

GB1752.ART/1/346 - [Unknown]	<u>0 x ð</u>
GB1752.ART/1/507 - Night Plume	0 × ð 🗌

5.2. The Everywhere search

Q SEARCH	<u>Clear all fields</u> 🗸
Everywhere	

The Everywhere search is what we call a "Full Text Search" field and behaves differently from the other fields:

- > It searches every field and every relationship, but not relationship contextual fields and dependents
- > It only searches full words: if a record contains the word lights and you search for light, it won't return that record as a result.
- > It accepts "wildcards": in the previous example, if you search for light* it will return both light as well as lights, lighting, lighter, etc

5.3. Search modifiers

At the bottom of the search form, you have a series of checkboxes that specify extra search options.

□ Status	
Draft	Approved
For approval	Mine
Online	Offline
Has images	Deleted
Across all node	es

The options do the following:

- > Drafts: only records that have changes pending review and approval
- > Approved: the opposite
- > For approval: a draft record may or may not be ready for approval
- > Mine: records that you have created
- > Online: records that are set online (green on button)
- > Offline: the opposite
- > Has images: self-explanatory
- > Deleted: records that have been deleted (the "Show deleted" option must be on)
- > Across all nodes: a type of content may be divided across multiple nodes this gives you the option, which is dependent upon your permissions, to see objects in nodes others that the one from where you start the search

5.4. Editing records

When editing a record, this is the screen I will see (the process is the same for new and for existing records).

Province	Antwerpe	en							Admini	strator — Admin	istrators	ሳ
Dashboard	Content	Packages	⊞ Lists	📭 Media	Beview	💄 Users	👱 Teams	🚓 [®] Configure				
Objects Create a new record	√			COLLECTION / ORIEL	culpture - 990	000099			(U)	×a (See all	Þ
Q SEARCH	~											
Everywhere							Creat	ted by user1 on 07/07/20	114 at 16:39:28 – Last updated by Admin	istrator on 23/07/	2014 at 08:	:03:50
ID		✓ The record	l has been save	d and approved								
Objectnummer		Content	Images Doci	uments Multime	edia				Show audit trail	Show deleted	∎ Ac	5d
Uniek objectnumme	er	Main Move	ement Copyri	ght Requiremen	nts History C	ondition Cons	ervation					
Collectio		Object title									REQUIR	RED
»	•	Minimal sculp	oture									
Object title		Collection » N	AvCollectionE								REQUIR	RED
Objectnaam		Objectnummer	NY CONCELIONE							UNIQUE	REGUL	
в	-	99000099								oundor	- ALCON	
Package		Uniek objectnum	mer/voorwerp/stu	knummer								
33	-	C-1234 - 990	00099									
E Status												

Here you have up to four main tabs (depending on configuration and variable by type) and optionally sub tabs in the Content main tab.

5.4.1. Content

Content is where you enter meta-data, using a variety of fields and relationships. Please note you can only start entering relationships (including fields with multiple values) once you have saved a draft of the record: this is because Qi needs a primary record ID to link relationships to.

5.4.2. Images

On the Images tab you can upload new images and/or link images that are already part of the DAM/Media Library.

Content I	Documents Multimedia			Show audit trail	Show deleted	T Add
Upload new me	idia 🕂 🛛 Add from media library 🕇					
Images						
image-moden	nuseum.jpg 1 MB				ON	
a com	Media info in context		Media library info		Edit in Me	edia Library
	le (in context) Modemuseum - Textiles ption (in context) termate text (in context)	Folder Title Caption Alternate text Media credits Media copyright	Default Modemuseum - Tex	tiles		

Uploading a new image is simple and can be done using drag and drop.

Jpload new media 🕂	Add from media library 🕇		
Add media D	rop your files here		LEQUIRED
	2132831_1.jpg 34.40 KB	DRAFT	-
Media folder			LEQUIRED
Default			•

Linking an image of the Media Library involves finding the image via a combination of media folder and search (image file name and title).

Upload new media + Add from media library	
Media folder	
Default	▼
Title or filename	
	Concel Search
1 record	Previous Next
Modemuseum - Textiles	
Media folder: Default Filename: image-modemuseum.jpg (1 MB)	

Images (and other media assets) can be reordered via drag and drop.

Images	Done reordering lists 🏦
image-modemuseum.jpg 1 MB	ŧ
modemuseum-costumes.jpg 166 KB	‡

Images and other assets need to be approved (see below).

5.4.3. Documents and multimedia

The process to upload documents (e.g. Word, Excel, PDF) and multimedia (e.g. audio and video) is exactly the same as for images.

5.5. Save and Save & Approve

Once you are finishes with the new record or the changes to an existing record, you will want to save them. Depending on your permissions, you will have two options to do that: **Save** or **Save & Approve**.

Ready for approval	Comments	Cancel	Save 🗸	Save & approve ★

5.5.1. Ready (not not) for approval

As per the picture above, there are two options to the left of the Save buttons:

> Ready for approval (checkbox): if checked (default) it means that a new record or the changes to an existing record are ready to be formally approved. It is possible to leave a message/comments that the authorised approver would see in his/her review panel.

Artworks		Leave Approve Reject
ART COLLECTION	GB1752.ART/1/507 - Night Plume I CMS	0 0 0
	Object number: Test Object Number	
	Acquisition cost:	
	<i>"Changed the object number"</i> Last updated by <u>Administrator</u> on 26/06/2022 at 12:33:36	

A record that is ready for approval would have a characteristic yellow marking, in lists and the single record.

There are pending changes to this record		Created by <u>Administrator</u> on 20/06/2022 at 22:10:27 – Last updated by <u>Administrator</u> on 26/06/2022 at 12:33:36
	There are pending changes to this record	

If the **Ready for approval** tickbox is unchecked, the record won't be listed in the review panel and its marking with be yellow and grey.



5.5.2. The approval workflow

In Qi, for Content types, all changes to records and all new records follow an approval workflow:

- 1. A content editor creates a new record or modifies an existing record
- 2. When Saving the record (or the changes) they are written into the database as Draft
- 3. A content approver can then *approve* or *reject* the changes

The full history of changes is preserved in the *audit trail*.

The workflow is as follows:

COLLECTION / OBJECTS fobj,123123	Created by Administrator on 07/07/2014 at 17:17:54 – Last updated by Administrator on 23/07/2014 at 22:40:39
There are pending changes to this record	
Content Images Documents Multimedia	Show audit trail Show deleted add
Main Movement Copyright Requirements History Co	ondition Conservation
Object title	DRAFT REQUIRED
My object title	
APPROVED fobj (Administrator on 22/07/2014 at 13:01:27)	
Collectie	REQUIRED
Collection » Modemuseum - Textiles	▼ →
Objectnummer	
123123	
Uniek objectnummer/voorwerp/stuknummer	DRAFT
C-123 - 123123	
APPROVED fobj,123123 (Administrator on 22/07/2014 at 13:01:27)	

I have made changes to a record and clicked Save. A new *revision* has been created, that has two changed fields and one added image (which also needs approval).

Dashboard	+ Content	Packages	∷≣ Lists	🗣 Media	Beview	💄 Users	👱 Teams	🛱 Configure	٩
		Review Evaluate pendi	ng items and	set actions					
		All content I ca	an approve	8 Dnly my content				CM	s 💌

The user with approval rights notices that there are records to review (6 in this case) and heads to the Review panel.

5.5.3. Permissions

Depending on permission, you may have the right to just save (or not even that) or to Save & Approve. Generally, separation between editing and approving is typical of medium/large teams and museums. In a small institution the person who makes the changes is the person who also approves them. In every instance, even with a Save & Approve action the history of changes is preserved in the audit trail.

5.6. Deleting records

Qi never deletes records, it simply hides them from view. Deleting is a two-step process for standard records (content and lists) and a simple one for relationships and media.

5.6.1. Deleting standard records (Content and Lists)

First you need to mark an item for deletion, using the 'x' button.



Items that are marked for deletion will be subject to the review process, so deletion needs to be approved by a User with appropriate permissions.

Qi will check if the record has dependencies and in particular if it is used as a list value or in a relationship. If the latter is the case, the reviewer won't be able to confirm deletion until dependencies are manually removed.

COLLECTION Modemuseum - Textiles Last updated by <u>Administrator</u> on 23/07/2014 at 03:57:33
You cannot delete this record
This record is in use by other records in the following contexts. Please modify the relevant items.
Record(s) in which the item is used as a value in a list
Collection Objecten (objects) 651 - My first event
Collection Objecten (objects) 345 - sertdfg
Collection Objecten (objects) My object
Collection Objecten (objects) 123123 - fobj
Collection Objecten (objects) 2543 - Tram
Collection Objecten (objects) awev
Collection Objecten (objects) 354345 - eertsert
Collection Objecten (objects) 2015.225.255 - A new mask from India
Collection Objecten (objects) 123 - Groene Waterman
Collection Objecten (objects) test 123 - Poopenkast

5.6.2. Deleting relationships and media records

Deleting relationships and media is a one-step process and does not need approval.

5.6.3. Restoring deleted records

To see deleted records, you need to turn on the related flag, by clicking "Show deleted" next to the number of records in a list. Please note that the link will not appear if the type has no deleted records.

1 record (1 total, 1 deleted) Show deleted

To restore a record simply click "undelete" (subject to permissions).



The process is the same for media and relationships.

5.7. Managing lists

Managing Lists is entirely similar to managing Content; the only difference being that changes can be saved without the need to be approved. Only deletions need to be approved.

6. Packages

Packages are simple ways to save records into temporary lists. Packages can be linked to like any other record.

🖡 Dashboard 🕂 Con	ntent 📄 Packages	∷≘ Lists	D Media	Beview	👤 Users	👱 Teams	🚓 [®] Configure		-
Objecten (objects) Create a new folder Create a new package	ONJECTEN (ONJECTS) ONJECTEN (ONJECTS) ONJECTEN (ONJECTS)	ition in Gent						Created by Training	See all on 23/07/2014 at 16:47:44
Search	Folder								REQUIRED
Pilter by title & notes Clear all fields	Package name New exhibitin Notes Working on I	on in Gent							REQUIRED
9 Folders	Public								
AdAK (1) 1 private	Yes								
Exhibitions (1) 1 public	No								
Hellig Bloed (2) 1 private, 1 public	××								Cancel Source /
Heiligenbeelden (1) 1 private	××								
Inspecties Monumentenwacht (1) 1 private	Objecten (obj 00004 - beeld	ects) (7) d Sint-Norbertus	•	_	-	_	_	_	-
Movements (1) 1 private	×	Notes							
Tassenmuseum 2015 (2) 1 private, 1 public	×								
testje (5)									

A simple use case for Packages is preparation for an exhibition. Curators can prepare a list of objects over the course of weeks and months and when ready, link them in one go to an exhibition, a condition checking and a transport activity.

6.1. Package folders

Packages can be organised into Folders, which are created from the Packages Tab.

6.2. Editing packages

The procedure for creating packages involves a standard search in Content (e.g. for Objects) and adding some or all of the results to one Package. At least one Package folder must exist in order to be able to create packages.

Edit records Search or select a record or create	a new one					
166 of 166 records (10 deleted, 8 pending)	Hide deleted View 📰 🖬 Add 🗊 Ex	port Select all				
	Add new package					
0000001 - Herfst	testje	0 🗙 🗗 🗹				
and the second se	Boomse pannen (1) Created by Davy Herremans on 19/08/2014 at 17:31:23					
	F002 (93) Created by Pleter De Praetere on 19/08/2014 at 17:28:19					
	franksspotter (3) Created by Frank Herman on 19/08/2014 at 17:32:20					
000001 - Strijkijzer	testje test (2) Created by Sofie De Ruysser on 19/08/2014 at 17:27:07	(J X 균 🔽				
all all and a second	Heilig Bloed					
	Heilig Bloed (3) Created by Training on 09/09/2014 at 20:07:38					
	Tassenmuseum 2015					
000002 - Kammenbak Marc's Grote Koffietafel (4) Created by Pleter De Praetere on 05/03/2015 at 09:28:39						
00001 - boold Sint Schooligan	001 - heeld Sint-Sebastiaan					
10001 - Deeld Silf-Sebastiadii Naw avkibitios is Cast (0) count to Telebrar 0007004 - 100 (7-14						
00002 - blazoen Sint-Ju	oris	0×0				

When one or more records are selected, by choosing Add at the top of the list it will be possible to add them to an existing package or to a new one. Packages can be used as one of the search criteria.

Packages can be public or private (only visible to their creator) as well as locked or unlocked (ability to add/remove objects).

Add to new package				
Please complete the fields below				
Folder	REQUIRED			
»	▼			
Package name	REQUIRED			
Notes				
	ĥ			
Locked				

Removing objects from packages is done in the package Tab.

6.3. Using packages

Packages are generally used when linking to other types of content, for instance linking Objects to an Exhibition.

Relationships	Add new relationship 🕂
Туре	REQUIRED
Core	
Objecten	
→ Packages	
Transporteur	
Procedurestappen	

In this case, we can link an event to an individual object as well as to object packages (i.e. a group of objects). Once linked, Objects do not maintain the relationship to the package. This means that if new objects are added or removed to the package they will not automatically be linked to the event in which the package was used.

7. Digital Assets Management (Media)

In Qi, the integrated DAMS is called the Media Library.

Dashboard	+ Content	Packages	∷≣ Lists	🕒 Media	🖞 Review	💄 Users	👱 Teams	🚓 [®] Configure

Digital assets are organised in Catalogues, Types and Folders.

7.1. Media Catalogues

Media Catalogues are the highest level of the hierarchy and folders are inside them. The purpose of Catalogues is to allow different access permissions to media files, as permissions are controlled at catalogue level.

Permissions				
Media Library	No access	Full access	Read only	Max size
Default	0	0	\bigcirc	Original file
Modemoseum	\bigcirc	0	\bigcirc	Original file
Test images	\bigcirc	0	\bigcirc	Original file

Different teams can be assigned different permissions for each Catalogue, from no access to full access to read only. Read only can also be limited to specific sizes for images.

Only users with configuration permissions can create and edit Catalogues.

7.2. Media types

There are three types of media assets in Qi:

- > Images
- > Files
- > Multimedia



Files and Multimedia are complex assets, as they can be combined with others to create media packages. In particular:

- > Files can be linked to images (e.g. cover image for a PDF catalogue)
- > Multimedia can be linked to images (.e.g. cover image for a video), files (e.g. transcripts) and one or more subtitle files

1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	MULTIMEDIA Optreden fanfare Eendracht Dessel te Mol-Sluis	See all		
	File name: mol-sluis-002.mpg Original file name: mol-sluis-002.mpg Full path: mol-sluis-002.mpg File size: 84 MB Type: MPG URL: https://antwerpen.qi-cms.com/media/_multimedia/mol-sluis-002.mpg	(C) Created by Jolien Schroven on 06/08/2014 at 20:51:03		
Note: this multi	media is linked to 1 record			
Collection » Objecten (objects) » 2480-001 - Concert fanfare Eendracht Dessel				
File Cover Basic File Info	Image Subtities Documents	(T Download		

7.3. Media folders

Media are a way to organise files inside the DAMS - similar to what happens on the standard computer filesystem.

Catalogue	REQUIRED
Default	•
Media folder (insert a name for your folder)	REQUIRED
Testcollectie Erfgoedcel k.ERF	
Directory/path (only alpha-numeric characters, hyphens and underscores - no trailing slash)	ALPHANUMERIC + DASH
Rank (folders with a rank are used for special purposes)	INTEGER
Password protected (folder will require authentication from outside Qi access)	

Each Catalogue and Type pair will have different folders. Folders have 5 parameters:

- > Catalogue (must be assessable to the user)
- > Media folder name. This is the name that appears in Qi
- > Directory. This is what gets written to the disk only alphanumeric and underscore characters
- > Rank is for special purposes generally not used
- Password protected. This means that files in the folder are only accessible from within Qi i.e. they are not public on the web. This is for reserved documents and should not be used for public images and PDFs

7.4. Media records

For each type, the media record displays filenames, path and links to content, along with list record of where the asset is currently being used and also relevant meta-data.

	Image: WAGE _DSC5029[1] File name: dsc5029-1.jpg Original file name: dsc5029-1.jpg Full path: dsc5029-1.jpg File size: 228 KB Width: 1300 plxels Height: 866 plxels Type: JPG URL: https://antwerpen.qi-cms.com/media/_source/dsc5029-1.jpg	See all
Note: this ima	je is linked to 1 record	· · · · ·
Collection » Objecter	(objects) » 502.BE.01.01 - Sint-Jorisbeeld	
File Basic File Info		Townload

It is possible to edit meta-data, change folder as well as replace assets. Only files that are not linked to any content or list record can be deleted.