

# Unified Data Catalog for Imaging Analytics

**Scenario 1: Create Tags from AutoTag Policy, Custom-Tagging and Filtering**

**Frank Lee, Joanna Wong, Joe Dain, Reginald D'Souza**

<https://github.com/drfranklee/udc-for-image-analytics/>

# **1. Set up Spectrum Discover to Manage Data Sources**



# Data source management

[Connections](#)[Scan history](#)[Discover databases](#)[Add connection](#)

Connection name	Connection type	Cluster	Data source	Site	State	Scan status	Next scan
UDCt-ClockTower-ScaleS3	S3	http://129.40.101.35	BreaKHis_v1	ClockTower	● Online		
UDCt-haproxy-rhceph01-rgw0	S3	https://9.11.221.111:443	udcuser-bucket		● Online	✓	
UDCt-rhceph01-rgw0	S3	http://rhceph-01.storage-ocp.tuc.stglabs.ibm.com:8080	udc-RGW-bucket		● Online	✓	
UDCt-rhceph03-rgw0	S3	rhceph-03.storage-ocp.tuc.stglabs.ibm.com	udc-RGW3-bucket		● Online		
UDSt-CoS	IBM COS	df3b7ae7-ab82-756b-01c4-c9f3ac8fae42	udc-vault	Tucson	● Online	✓	
UDSt-SpectrumScale	Spectrum Scale	scale-bm.storage-ocp.tuc.stglabs.ibm.com	bm_filesystem_2		● Online		

Items per page: 20 ▾

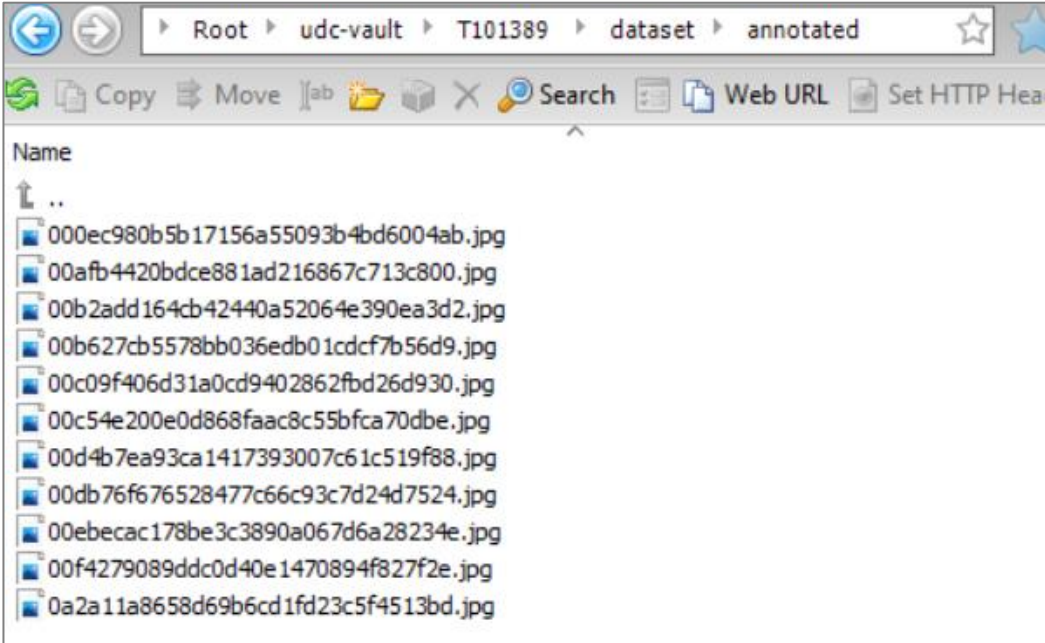
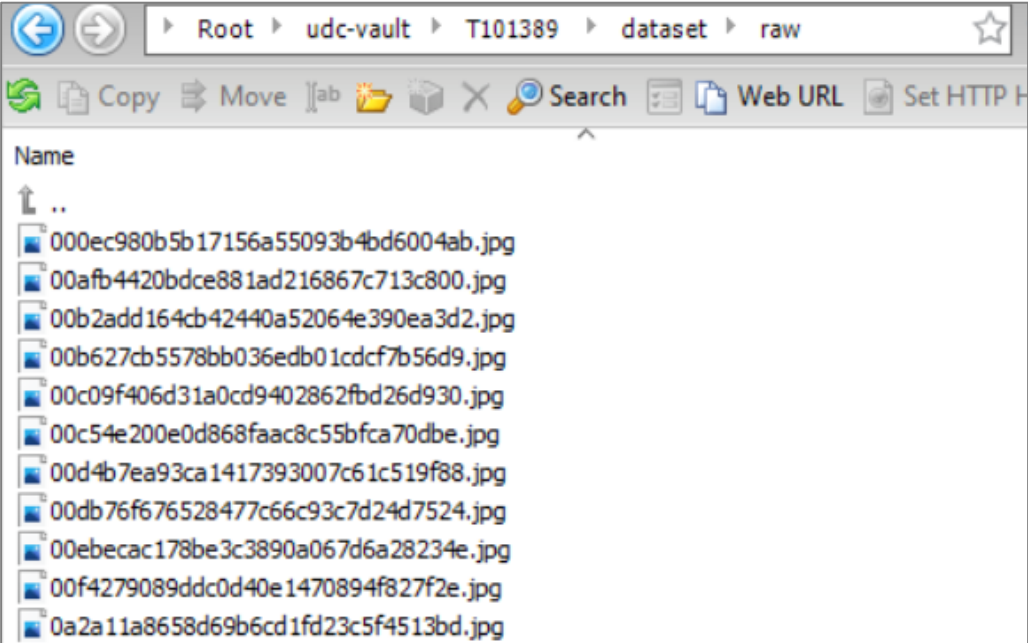
1–6 of 6 items

1 ▾ of 1 pages



## **2. Upload Dataset to Object Storage**

Upload Original Data to Cloud Object Storage Bucket



# Query builder

Visual query

SQL query

Select \* from Spectrum Discover where...



filename LIKE ('%T101389%') AND filetype LIKE ('%jpg%')

Group by

Choose groupings



Limit results

10000



Setting a lower limit may increase speed of results.

Sort by

e.g. owner asc

Set a sort order to choose which results are returned first.

Reset query

View results

Matched 22 records from metaocean view table in 0.084276 seconds

## Individual

22

Grouped By

- ☐ Cluster
- ☐ Datasource
- ☐ Filegroup
- ☐ Filename
- ☐ Fileset

[Show more...](#)

☐

path	filename	udc dem2	u2 type	u2 id	udc dem3	u2 width
<input type="checkbox"/> udc-vault/	T101389/dataset/annotated/000ec980b5b17156a55093b4bd6004ab.jpg	NULL	NULL	NULL	NULL	NULL
<input type="checkbox"/> udc-vault/	T101389/dataset/annotated/00afb4420bdce881ad216867c713c800.jpg	NULL	NULL	NULL	NULL	NULL
<input type="checkbox"/> udc-vault/	T101389/dataset/annotated/00b2add164cb42440a52064e390ea3d2.jpg	NULL	NULL	NULL	NULL	NULL
<input type="checkbox"/> udc-vault/	T101389/dataset/annotated/00b627cb5578bb036edb01cdcf7b56d9.jpg	NULL	NULL	NULL	NULL	NULL
<input type="checkbox"/> udc-vault/	T101389/dataset/annotated/00c09f406d31a0cd9402862fbd26d930.jpg	NULL	NULL	NULL	NULL	NULL
<input type="checkbox"/> udc-vault/	T101389/dataset/annotated/00c54e200e0d868faac8c55bfca70dbe.jpg	NULL	NULL	NULL	NULL	NULL
<input type="checkbox"/> udc-vault/	T101389/dataset/annotated/00d4b7ea93ca1417393007c61c519f88.jpg	NULL	NULL	NULL	NULL	NULL
<input type="checkbox"/> udc-vault/	T101389/dataset/annotated/00db76f676528477c66c93c7d24d7524.jpg	NULL	NULL	NULL	NULL	NULL

Items per page:

10

1–10 of 22 items

1

of 3 pages

### **3. Set up AutoTag Policy in Spectrum Discover**



Create the autotag policy in json

```
{
  "pol_id": "T101389_autotag_u2source_pol",
  "action_id": "AUTOTAG",
  "action_params": {
    "rule": {
      "name": "setFromExistingField",
      "action": "regex",
      "existingField": "filename",
      "regexPattern": "[^/]+",
      "matchNo": 3,
      "newField": "u2-source"
    }
  },
  "schedule": "NOW",
  "pol_filter": "filename LIKE ('%T101389%') AND filetype LIKE ('%jpg%')",
  "pol_state": "active",
  "explicit": "true",
  "collections": []
}
```

Execute the policy on server

```
[moadmin@discover1 T101389]$ pwd
/home/moadmin/T101389
[moadmin@discover1 T101389]$ ls
T101389_aircraft_import_scenario1.json  T101389_autotag_u2source.json
T101389_aircraft_import_scenario2.json
[moadmin@discover1 T101389]$
[moadmin@discover1 T101389]$ gettoken
% Total      % Received % Xferd  Average Speed   Time    Time       Time  Current
           Dload  Upload   Total     Spent    Left     Speed

  0     0    0     0    0     0      0      0  --:--:--  --:--:--  --:--:--     0
[moadmin@discover1 T101389]$
[moadmin@discover1 T101389]$
[moadmin@discover1 T101389]$ curl -k -H "Authorization: Bearer ${TOKEN}" https://localhost/policyengine/v1/policies/T101389_autotag_u2source_pol -X POST -d @./T101389_autotag_u2source.json -H "Content-Type: application/json"
Policy 'T101389_autotag_u2source_pol' added[moadmin@discover1 T101389]$
```

# Tag management

Tags Policies Policy history

Q Add Policy +

Policy	Type	Schedule (UTC)	State	State	Collections	Last modified by	Last modified
ap_cs_body	CONTENTSEARCH	Done	● Active	✔ Complete		sdadmin	9/17/2021, 2:51:16 PM
ap_cs_meta	CONTENTSEARCH	Done	● Active	✔ Complete		sdadmin	9/16/2021, 1:18:06 PM
T101389_autotag_u2source_pol	AUTOTAG	Done	● Active	✔ Complete		sdadmin	9/21/2021, 2:32:38 PM
u3-iphone-gps	CONTENTSEARCH	Done	● Active	✔ Complete		sdadmin	9/17/2021, 12:35:42 AM

Items per page: 20 ▾

1–4 of 4 items

1 ▾ of 1 pages



# Tag management

- Tags
- Policies
- Policy history

Policy name	Type	Started	Ended	Status	Total records	Successful	Skipped	Failed
T101389_autotag_u2source_pol	AUTOTAG	9/21/2021, 2:32:39 PM	9/21/2021, 2:32:41 PM	✔ Complete	22	22	0	0
T101389_contentsearch_u2source_pol	AUTOTAG	9/21/2021, 2:27:44 PM	9/21/2021, 2:27:46 PM	✔ Complete	22	22	0	0
T101389_aircraft_import_scenario2_pol	IMPORT_TAGS	9/21/2021, 1:03:52 AM	9/21/2021, 1:04:11 AM	✔ Complete	22	22	0	0
T101389_aircraft_import_scenario1_pol	IMPORT_TAGS	9/20/2021, 11:21:32 PM	9/20/2021, 11:21:49 PM	✔ Complete	11	11	0	0
T101389_aircraft_import_scenario1_pol	IMPORT_TAGS	9/20/2021, 11:17:06 PM	9/20/2021, 11:17:22 PM	✔ Complete	11	11	0	0
T101389_aircraft_import_pol	IMPORT_TAGS	9/20/2021, 9:18:41 PM	9/20/2021, 9:18:59 PM	✔ Complete	11	11	0	0
T101389_aircraft_import_pol	IMPORT_TAGS	9/20/2021, 9:16:06 PM	9/20/2021, 9:16:13 PM	✔ Complete	0	0	0	0
T101389_aircraft_import_pol	IMPORT_TAGS	9/20/2021, 9:08:05 PM	9/20/2021, 9:08:40 PM	✔ Complete	0	0	0	0
an cs body	CONTENTSEARCH	9/17/2021,	9/17/2021,	✔ Complete	16	16	0	0

Metadata Tag “u2-source” Populated with Values Extracted by AutoTag Policy Run

Results view: ⓘ

Matched 22 records from metaocean, view table in 0.082699 seconds

Condensed

Individual

Inspecting records  
22

Grouped By

- ☐ Cluster
- ☐ Datasource
- ☐ Filegroup
- ☐ Filename
- ☐ Fileset

Show more...

<input type="checkbox"/>	path	filename	u2 source
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/000ec980b5b17156a55093b4bd6004ab.jpg	annotated
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00afb4420bdce881ad216867c713c800.jpg	annotated
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00b2add164cb42440a52064e390ea3d2.jpg	annotated
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00b627cb5578bb036edb01cdf7b56d9.jpg	annotated
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00c09f406d31a0cd9402862fbd26d930.jpg	annotated
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00c54e200e0d868faac8c55bfca70dbe.jpg	annotated
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00d4b7ea93ca1417393007c61c519f88.jpg	annotated
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00db76f676528477c66c93c7d24d7524.jpg	annotated
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00ebecac178be3c3890a067d6a28234e.jpg	annotated
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00f4279089ddc0d40e1470894f827f2e.jpg	annotated
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/0e2a11a8658d69b6cd1fd23c5f4513bd.jpg	annotated
<input type="checkbox"/>	udc-vault/	T101389/dataset/raw/000ec980b5b17156a55093b4bd6004ab.jpg	raw
<input type="checkbox"/>	udc-vault/	T101389/dataset/raw/00afb4420bdce881ad216867c713c800.jpg	raw
<input type="checkbox"/>	udc-vault/	T101389/dataset/raw/00b2add164cb42440a52064e390ea3d2.jpg	raw
<input type="checkbox"/>	udc-vault/	T101389/dataset/raw/00b627cb5578bb036edb01cdf7b56d9.jpg	raw
<input type="checkbox"/>	udc-vault/	T101389/dataset/raw/00c09f406d31a0cd9402862fbd26d930.jpg	raw

Items per page: 50

1-22 of 22 items

1 of 1 pages

Query builder

filename LIKE ('%T101389%') AND filetype LIKE ('%jpg%')



## **4. Custom-tag the New Dataset**

Results view: ?

Condensed

Individual

Inspecting records

22

Grouped By

- ☐ Cluster
- ☐ Datasource
- ☐ Filegroup
- ☐ Filename
- ☐ Fileset

[Show more...](#)

Matched 22 records from metaocean\_view table in 0.10624 seconds

22 items selected

Generate report

Add tags

Export data | Cancel

<input checked="" type="checkbox"/>	path	filename	u2 source	↑
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00c54e200e0d868faac8c55bfca70dbe.jpg	annotated	
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00d4b7ea93ca1417393007c61c519f88.jpg	annotated	
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00c09f406d31a0cd9402862fbd26d930.jpg	annotated	
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/000ec980b5b17156a55093b4bd6004ab.jpg	annotated	
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00afb4420bdce881ad216867c713c800.jpg	annotated	
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00db76f676528477c66c93c7d24d7524.jpg	annotated	
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00b627cb5578bb036edb01cdcf7b56d9.jpg	annotated	
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00f4279089ddc0d40e1470894f827f2e.jpg	annotated	
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/0a2a11a8658d69b6cd1fd23c5f4513bd.jpg	annotated	
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00ebecac178be3c3890a067d6a28234e.jpg	annotated	

Items per page: 10

1-10 of 22 items

1 of 3 pages

◀ ▶

Results view: ?

Condensed Individual

Inspecting records  
22

Grouped By

- ☐ Cluster
- ☐ Datasource
- ☐ Filegroup
- ☐ Filename
- ☐ Fileset

Show more...

Matched 22 records from metaocean\_view table in 0.10624 seconds

22 items selected

Generate reportAdd tagsExport data | Cancel

<input checked="" type="checkbox"/>	path	filename	u2 source	↑
-------------------------------------	------	----------	-----------	---

Add tags

22 files selected

u2-dataset

T101389-s1

Add another tag

CancelSubmit

<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00b627cb5578bb036edb01cdcf7b56d9.jpg	annotated
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00f4279089ddc0d40e1470894f827f2e.jpg	annotated
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/0a2a11a8658d69b6cd1fd23c5f4513bd.jpg	annotated
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00ebecac178be3c3890a067d6a28234e.jpg	annotated

Condensed Individual

Inspecting records  
22

Grouped By

- ☐ Cluster
  - ☐ Datasource
  - ☐ Filegroup
  - ☐ Filename
  - ☐ Fileset
- Show more...

<input type="checkbox"/>	path	filename	u2 source	↑	u2 dataset
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00c54e200e0d868faac8c55bfca70dbe.jpg	annotated		T101389-s1
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00d4b7ea93ca1417393007c61c519f88.jpg	annotated		T101389-s1
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00c09f406d31a0cd9402862fbd26d930.jpg	annotated		T101389-s1
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/000ec980b5b17156a55093b4bd6004ab.jpg	annotated		T101389-s1
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00afb4420bdce881ad216867c713c800.jpg	annotated		T101389-s1
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00db76f676528477c66c93c7d24d7524.jpg	annotated		T101389-s1
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00b627cb5578bb036edb01cdcf7b56d9.jpg	annotated		T101389-s1
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00f4279089ddc0d40e1470894f827f2e.jpg	annotated		T101389-s1
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/0a2a11a8658d69b6cd1fd23c5f4513bd.jpg	annotated		T101389-s1
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00ebecac178be3c3890a067d6a28234e.jpg	annotated		T101389-s1
Items per page: 10 1-10 of 22 items			1 of 3 pages		

Query builder

path LIKE ('%udc-vault%') AND filename LIKE ('%T101389%') AND filetype LIKE ('%jpg%')





Results view:

Condensed

Individual

Inspecting records

22

Grouped By

- ☐ Cluster
- ☐ Datasource
- ☐ Filegroup
- ☐ Filename
- ☐ Fileset

Show more...

Matched 22 records from metaocean\_view table in 0.108487 seconds

22 items selected			Generate report	Add tags	Export data	Cancel
<input checked="" type="checkbox"/>	path	filename	u2 source	↑	u2 dataset	
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00c54e200e0d868faac8c55bfca70dbe.jpg	annotated		T101389-s1	
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00d4b7ea93ca1417393007c61c519f88.jpg	annotated		T101389-s1	
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00c09f406d31a0cd9402862fbd26d930.jpg	annotated		T101389-s1	
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/000ec980b5b17156a55093b4bd6004ab.jpg	annotated		T101389-s1	
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00afb4420bdce881ad216867c713c800.jpg	annotated		T101389-s1	
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00db76f676528477c66c93c7d24d7524.jpg	annotated		T101389-s1	
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00b627cb5578bb036edb01cdcf7b56d9.jpg	annotated		T101389-s1	
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00f4279089ddc0d40e1470894f827f2e.jpg	annotated		T101389-s1	
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/0a2a11a8658d69b6cd1fd23c5f4513bd.jpg	annotated		T101389-s1	
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00ebecac178be3c3890a067d6a28234e.jpg	annotated		T101389-s1	
Items per page: 10 ▾			1–10 of 22 items			1 ▾ of 3 pages

Query builder

path LIKE ('%udc-vault%') AND filename LIKE ('%T101389%') AND filetype LIKE ('%jpg%')



Condensed

Individual

Inspecting records  
22

Grouped By

- ☐ Cluster
- ☐ Datasource
- ☐ Filegroup
- ☐ Filename
- ☐ Fileset

Show more...

Matched 22 records from metaocean\_view table in 0.108487 seconds

22 items selected

Generate reportAdd tagsExport dataCancel

<input checked="" type="checkbox"/>	path	filename	u2 source	↑	u2 dataset
			annotated		T101389-s1
			annotated		T101389-s1
			annotated		T101389-s1
			annotated		T101389-s1
			annotated		T101389-s1
			annotated		T101389-s1
			annotated		T101389-s1
			annotated		T101389-s1
			annotated		T101389-s1
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00b627cb5578bb036edb01cdcf7b56d9.jpg	annotated		T101389-s1
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00f4279089ddc0d40e1470894f827f2e.jpg	annotated		T101389-s1
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/0a2a11a8658d69b6cd1fd23c5f4513bd.jpg	annotated		T101389-s1
<input checked="" type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00ebecac178be3c3890a067d6a28234e.jpg	annotated		T101389-s1

Items per page: 101–10 of 22 items1 of 3 pages

Name


T101389-s1-manifest-v20210928

Query Term: path LIKE ('%udc-vault%') AND filename LIKE ('%T101389%') AND filetype LIKE ('%jpg%')

CancelSubmit

# Reports

 **Report has been Created**  
The report T101389-s1-manifest-v20210928 was created



Report	Last run	Duration	Status	Output size
T101389-s1-manifest-v20210928	Tue Sep 28 2021 22:41:23 GMT-0500 (Central Daylight Time)	0 seconds	Complete	11.95 KiB
T101389-s1-manifest-v20210921	Tue Sep 21 2021 14:49:17 GMT-0500 (Central Daylight Time)	0 seconds	Complete	10.32 KiB
demo-csv	Thu Sep 09 2021 18:39:49 GMT-0500 (Central Daylight Time)	0 seconds	Complete	2.34 KiB
E101475_d1-list	Thu Apr 29 2021 08:16:33 GMT-0500 (Central Daylight Time)	0 seconds	Complete	8.17 KiB
E1014753-data-manifest	Thu Apr 29 2021 00:36:52 GMT-0500 (Central Daylight Time)	0 seconds	Complete	8.08 KiB
BH01 Dataset Report for FS21EMEA	Tue Feb 09 2021 00:14:30 GMT-0600 (Central Standard Time)	0 seconds	Complete	3.75 MiB
TD-BH01 Report	Sat Jan 30 2021 18:15:17 GMT-0600 (Central Standard Time)	0 seconds	Complete	3.73 MiB
BreakHist Summary	Sat Jan 30 2021 17:56:08 GMT-0600 (Central Standard Time)	0 seconds	Complete	3.33 MiB
Age Report Detail. 90-180 Days	Tue Dec 22 2020 02:24:47 GMT-0600 (Central Standard Time)	0 seconds	Complete	308 Bytes
Age Report Summary. 90-180 Days	Tue Dec 22 2020 02:24:47 GMT-0600 (Central Standard Time)	0 seconds	Complete	41 Bytes

## Manifest Can be Downloaded Locally as CSV File

[illegible]

## **5. Create New Tags Based on Filters**

# Tag management

Tags Policies Policy history

Search Add Policy +

Policy	Type	Schedule (UTC)	State	State	Collections	Last modified by	Last modified
ap_cs_body	CONTENTSEARCH	Done	● Active	✓ Complete		sdadmin	9/17/2021, 2:51:16 PM
ap_cs_meta	CONTENTSEARCH	Done	● Active	✓ Complete		sdadmin	9/16/2021, 1:18:06 PM
E1016404_autotag_add_field_pol	AUTOTAG	Done	● Active	✓ Complete		sdadmin	9/28/2021, 9:32:20 PM
T101389_autotag_u2source_pol	AUTOTAG	Done	● Active	✓ Complete		sdadmin	9/21/2021, 2:32:38 PM
T101389_ImportTags_pol	IMPORT_TAGS	Done	● Active	✓ Complete		sdadmin	9/21/2021, 3:17:07 PM
u3-iphone-gps	CONTENTSEARCH	Done	● Active	✓ Complete		sdadmin	9/21/2021, 7:44:08 PM

Items per page: 20 ▾

1–6 of 6 items

1 ▾ of 1 pages ◀ ▶

# Tag management

Tags Policies **Policy history**

Policy name	Type	Started	Ended	Status	Total records	Successful	Skipped	Failed
E1016404_autotag_add_field_pol	AUTOTAG	9/28/2021, 9:32:21 PM	9/28/2021, 9:32:23 PM	✔ Complete	11	11	0	0
u3-iphone-gps	CONTENTSEARCH	9/21/2021, 7:44:08 PM	9/21/2021, 7:44:16 PM	✔ Complete	1	1	0	0
u3-iphone-gps	CONTENTSEARCH	9/21/2021, 7:36:41 PM	9/21/2021, 7:37:02 PM	✔ Complete	1	1	0	0
T101389_ImportTags_pol	IMPORT_TAGS	9/21/2021, 5:16:35 PM	9/21/2021, 5:16:53 PM	✔ Complete	22	22	0	0
T101389_autotag_u2source_pol	AUTOTAG	9/21/2021, 5:15:42 PM	9/21/2021, 5:15:44 PM	✔ Complete	22	22	0	0
T101389_autotag_u2source_pol	AUTOTAG	9/21/2021, 5:10:11 PM	9/21/2021, 5:10:12 PM	✔ Complete	22	22	0	0
T101389_ImportTags_pol	IMPORT_TAGS	9/21/2021, 3:24:40 PM	9/21/2021, 3:24:56 PM	✔ Complete	22	22	0	0
T101389_ImportTags_pol	IMPORT_TAGS	9/21/2021, 3:22:03 PM	9/21/2021, 3:22:22 PM	✔ Complete	22	44	0	0
T101389_ImportTags_pol	IMPORT_TAGS	9/21/2021, 3:17:08 PM	9/21/2021, 3:17:27 PM	✔ Complete	22	22	0	0
T101389_autotag_u2source_pol	AUTOTAG	9/21/2021, 2:32:39 PM	9/21/2021, 2:32:41 PM	✔ Complete	22	22	0	0

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# Query builder

Visual query   **SQL query**

Select \* from Spectrum Discover where...



filename LIKE ('%T101389%') AND path LIKE ('%udc-vault%') AND u2-source LIKE ('%annotated%')

Group by

Choose groupings



Limit results

10000



Setting a lower limit may increase speed of results.

Sort by

e.g. owner asc

Set a sort order to choose which results are returned first.

Reset query

View results



Condensed

Individual

Inspecting records

11

Grouped By

- ☐ Cluster
- ☐ Datasource
- ☐ Filegroup
- ☐ Filename
- ☐ Fileset
- Show more...

<input type="checkbox"/>	path	filename	udc dem2	u2 source	u2 el	u2 pp
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00c54e200e0d868faac8c55bfca70dbe.jpg	T101389-s1	annotated	E1016404	FL
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00d4b7ea93ca1417393007c61c519f88.jpg	T101389-s1	annotated	E1016404	FL
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00c09f406d31a0cd9402862fbd26d930.jpg	T101389-s1	annotated	E1016404	FL
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/000ec980b5b17156a55093b4bd6004ab.jpg	T101389-s1	annotated	E1016404	FL
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00afb4420bdce881ad216867c713c800.jpg	T101389-s1	annotated	E1016404	FL
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00db76f676528477c66c93c7d24d7524.jpg	T101389-s1	annotated	E1016404	FL
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00b627cb5578bb036edb01cdcf7b56d9.jpg	T101389-s1	annotated	E1016404	FL
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00f4279089ddc0d40e1470894f827f2e.jpg	T101389-s1	annotated	E1016404	FL
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/0a2a11a8658d69b6cd1fd23c5f4513bd.jpg	T101389-s1	annotated	E1016404	FL
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00ebecac178be3c3890a067d6a28234e.jpg	T101389-s1	annotated	E1016404	FL
Items per page: 10 ▾			1-10 of 11 items		1 ▾ of 2 pages	◀ ▶

Query builder

filename LIKE ('%T101389%') AND path LIKE ('%udc-vault%') AND u2-source LIKE ('%annotated%')



## **6. View Images Directly with Calculated URL**

Condensed

Individual

Inspecting records  
22

Grouped By

- ☐ Cluster
- ☐ Datasource
- ☐ Filegroup
- ☐ Filename
- ☐ Fileset

Show more...

<input type="checkbox"/>	path	filename	cluster	udc dem2	u2 source
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/000ec980b5b17156a55093b4bd6004ab.jpg	df3b7ae7-ab82-756b-01c4-c9f3ac8fae42	T101389-s1	annotated
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00afb4420bdce881ad216867c713c800.jpg	df3b7ae7-ab82-756b-01c4-c9f3ac8fae42	T101389-s1	annotated
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00b2add164cb42440a52064e390ea3d2.jpg	df3b7ae7-ab82-756b-01c4-c9f3ac8fae42	T101389-s1	annotated
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00b627cb5578bb036edb01cdf7b56d9.jpg	df3b7ae7-ab82-756b-01c4-c9f3ac8fae42	T101389-s1	annotated
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00c09f406d31a0cd9402862fbd26d930.jpg	df3b7ae7-ab82-756b-01c4-c9f3ac8fae42	T101389-s1	annotated
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00c54e200e0d868faac8c55bfca70dbe.jpg	df3b7ae7-ab82-756b-01c4-c9f3ac8fae42	T101389-s1	annotated
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00d4b7ea93ca1417393007c61c519f88.jpg	df3b7ae7-ab82-756b-01c4-c9f3ac8fae42	T101389-s1	annotated
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00db76f676528477c66c93c7d24d7524.jpg	df3b7ae7-ab82-756b-01c4-c9f3ac8fae42	T101389-s1	annotated
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00ebecac178be3c3890a067d6a28234e.jpg	df3b7ae7-ab82-756b-01c4-c9f3ac8fae42	T101389-s1	annotated
<input type="checkbox"/>	udc-vault/	T101389/dataset/annotated/00f4279089ddc0d40e1470894f827f2e.jpg	df3b7ae7-ab82-756b-01c4-c9f3ac8fae42	T101389-s1	annotated
Items per page: 10 1-10 of 22 items				1 of 3 pages	

Query builder

udc-dem2 like ('%T101389-s1%')



