Unified Data Catalog for Cancer Imaging

Scenario 1: Initialize Catalog with Metadata Ingest & Indexing, AutoTag and Custom-Tagging

1. Set up Spectrum Discover to Manage Data Sources

Data source management

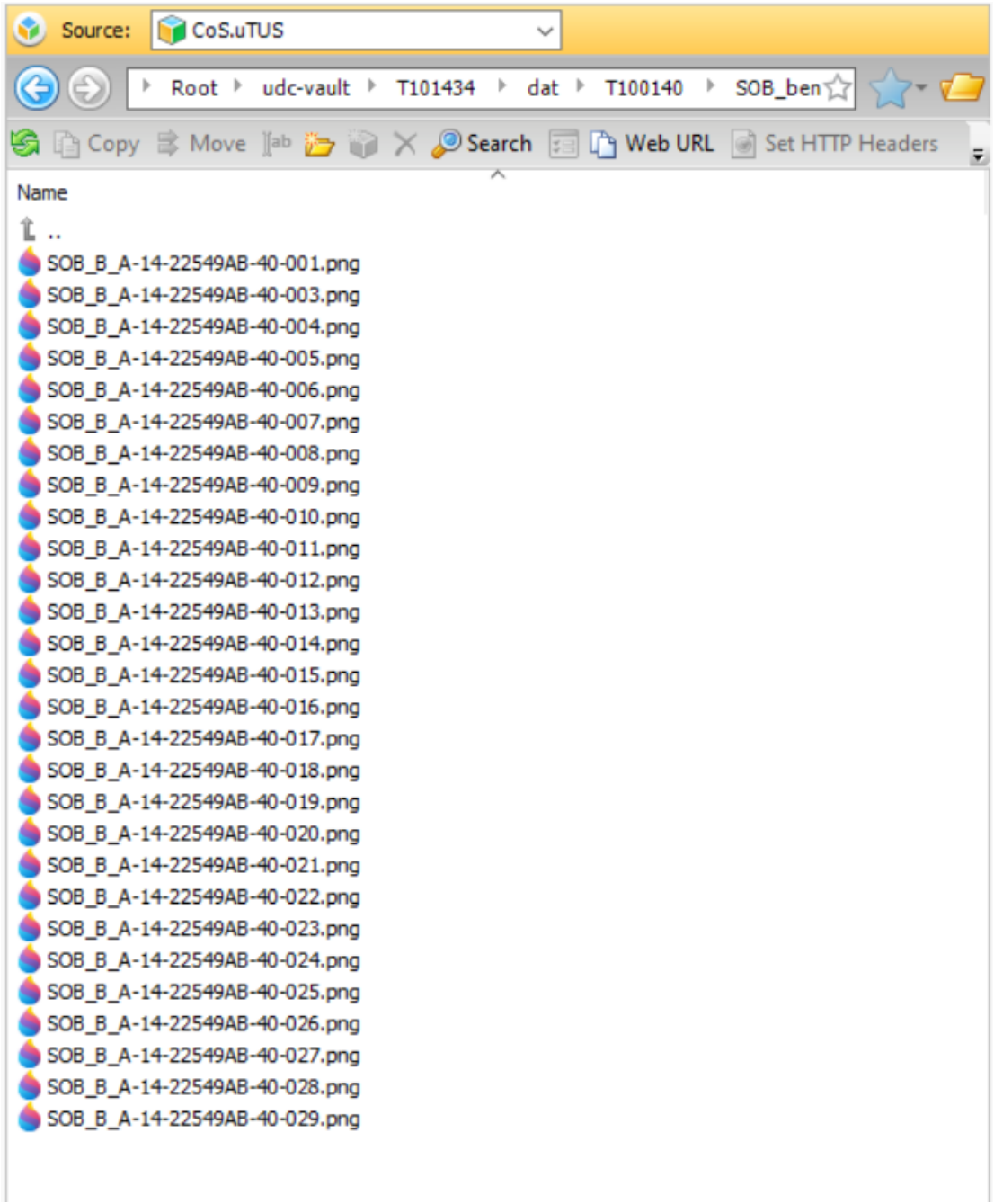
Connections | Scan history | Discover databases

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. Metadata Ingest and Default Indexing


Source:
CoS.uTUS
Root
udc-vault
T101434
dat
T100140
SOB_ben
Copy
Move
Search
Web URL
Set HTTP Headers
Name
..
SOB_B_A-14-22549AB-40-001.png
SOB_B_A-14-22549AB-40-003.png
SOB_B_A-14-22549AB-40-004.png
SOB_B_A-14-22549AB-40-005.png
SOB_B_A-14-22549AB-40-006.png
SOB_B_A-14-22549AB-40-007.png
SOB_B_A-14-22549AB-40-008.png
SOB_B_A-14-22549AB-40-009.png
SOB_B_A-14-22549AB-40-010.png
SOB_B_A-14-22549AB-40-011.png
SOB_B_A-14-22549AB-40-012.png
SOB_B_A-14-22549AB-40-013.png
SOB_B_A-14-22549AB-40-014.png
SOB_B_A-14-22549AB-40-015.png
SOB_B_A-14-22549AB-40-016.png
SOB_B_A-14-22549AB-40-017.png
SOB_B_A-14-22549AB-40-018.png
SOB_B_A-14-22549AB-40-019.png
SOB_B_A-14-22549AB-40-020.png
SOB_B_A-14-22549AB-40-021.png
SOB_B_A-14-22549AB-40-022.png
SOB_B_A-14-22549AB-40-023.png
SOB_B_A-14-22549AB-40-024.png
SOB_B_A-14-22549AB-40-025.png
SOB_B_A-14-22549AB-40-026.png
SOB_B_A-14-22549AB-40-027.png
SOB_B_A-14-22549AB-40-028.png
SOB_B_A-14-22549AB-40-029.png

Query builder

Visual query | **SQL query**

Select * from Spectrum Discover where...

```
filename LIKE ('%T101434%') AND datasource LIKE ('%udc-vault%')  AND filetype LIKE ('%png%')
```

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

Query Results

Results view:

Condensed | Individual

Inspecting records
195

Grouped By

- [ ] Cluster
- [ ] Datasource
- [ ] Filegroup
- [ ] Filename
- [ ] Fileset

Show more...

Matched 195 records from metaocean_view table in 0.120883 seconds

path	filename	filetype	datasource
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-001.png	png	udc-vault
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-002.png	png	udc-vault
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-003.png	png	udc-vault
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-004.png	png	udc-vault
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-005.png	png	udc-vault
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-006.png	png	udc-vault
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-007.png	png	udc-vault
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-008.png	png	udc-vault
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-009.png	png	udc-vault
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-010.png	png	udc-vault

Items per page: 10 | 1–10 of 195 items | 1 of 20 pages

Query builder

```
filename LIKE ('%T101434%') AND datasource LIKE ('%udc-vault%') AND filetype LIKE ('%png%')
```

Matched 195 records from metaocean_view table in 0.120883 seconds

path	filename	filetype	
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-001.png	png	
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-002.png	png	
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-003.png	png	
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-004.png	png	
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-005.png	png	
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-006.png	png	
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-007.png	png	
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-008.png	png	udc-vault
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-009.png	png	udc-vault
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-010.png	png	udc-vault

Columns

- [x] Path
- [x] Filename
- [x] Filetype
- [x] Datasource
- [ ] Owner
- [ ] Group
- [ ] Revision
- [ ] Site
- [ ] Platform
- [ ] Cluster
- [ ] Inode
- [ ] Permissions
- [ ] Fileset
- [ ] Uid

Reset to default

Items per page: 10 | 1–10 of 195 items | 1 of 20 pages

3. Set up AutoTag Policy in Spectrum Discover

```
[moadmin@discover1 T101434]$ 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 T101434]$
[moadmin@discover1 T101434]$ curl -k -H "Authorization: Bearer ${TOKEN}" https://localhost/policyengine/v1/policies/T101434_autotag_u2type_pol -X POST -d @./T101434_autotag_u2type.json -H "Content-Type: application/json"
Policy 'T101434_autotag_u2type_pol' added[moadmin@discover1 T101434]$
[moadmin@discover1 T101434]$
```

Tag management

Tags | **Policies** | Policy history

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
E1016404_test_pol	AUTOTAG	Done	Active	Complete		sdadmin	9/29/2021, 12:00:35 AM
T100140_ImportTags_pol	IMPORT_TAGS	Done	Active	Complete		sdadmin	9/30/2021, 6:30:47 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
T101434_autotag_u2type_pol	AUTOTAG	Done	Active	Complete		sdadmin	10/9/2021, 5:00:53 AM
u3-iphone-gps	CONTENTSEARCH	Done	Active	Complete		sdadmin	9/21/2021, 7:44:08 PM

Items per page: 20 | 1–9 of 9 items | 1 of 1 pages

Tag management

Tags | Policies | **Policy history**

Policy name	Type	Started	Ended	Status	Total records	Successful	Skipped	Failed
T101434_autotag_u2type_pol	AUTOTAG	10/9/2021, 5:00:53 AM	10/9/2021, 5:00:56 AM	Complete	195	195	0	0
T101389_autotag_u2source_auto_pol	AUTOTAG	10/9/2021, 4:15:02 AM	10/9/2021, 4:15:04 AM	Complete	44	44	0	0
T101389_autotag_u2source_auto_pol	AUTOTAG	10/9/2021, 3:15:02 AM	10/9/2021, 3:15:04 AM	Complete	44	44	0	0
T101389_autotag_u2source_auto_pol	AUTOTAG	10/9/2021, 2:15:02 AM	10/9/2021, 2:15:04 AM	Complete	44	44	0	0
T100140_ImportTags_pol	IMPORT_TAGS	9/30/2021, 6:30:48 PM	9/30/2021, 6:30:55 PM	Complete	4	4	0	0
E1016404_test_pol	AUTOTAG	9/29/2021, 12:00:36 AM	9/29/2021, 12:00:38 AM	Complete	2	2	0	0
E1016404_test_pol	AUTOTAG	9/28/2021, 11:59:34 PM	9/28/2021, 11:59:36 PM	Complete	2	2	0	0
E1016404_test_pol	AUTOTAG	9/28/2021, 11:57:45 PM	9/28/2021, 11:57:47 PM	Complete	2	2	0	0
E1016404_test_pol	AUTOTAG	9/28/2021, 11:54:03 PM	9/28/2021, 11:54:05 PM	Complete	1	1	0	0
E1016404_test_pol	AUTOTAG	9/28/2021, 11:52:28 PM	9/28/2021, 11:52:30 PM	Complete	1	1	0	0

Items per page: 20 | 1–20 of 209 items | 1 of 11 pages

Query Results

Results view:

Condensed | Individual

Inspecting records
195

Grouped By

- [ ] Cluster
- [ ] Datasource
- [ ] Filegroup
- [ ] Filename
- [ ] Fileset

Show more...

Matched 195 records from metaocean_view table in 0.117976 seconds

path	filename	u2 type
udc-vault/	T101434/dat/T100140/SOB_malignant_d_ductal_carcinoma_p_14-2523/200X/SOB_M_DC-14-2523-200-025.png	malignant
udc-vault/	T101434/dat/T100140/SOB_malignant_d_ductal_carcinoma_p_14-2523/200X/SOB_M_DC-14-2523-200-026.png	malignant
udc-vault/	T101434/dat/T100140/SOB_malignant_d_ductal_carcinoma_p_14-2523/200X/SOB_M_DC-14-2523-200-027.png	malignant
udc-vault/	T101434/dat/T100140/SOB_malignant_d_ductal_carcinoma_p_14-2523/200X/SOB_M_DC-14-2523-200-028.png	malignant
udc-vault/	T101434/dat/T100140/SOB_malignant_d_ductal_carcinoma_p_14-2523/200X/SOB_M_DC-14-2523-200-029.png	malignant
udc-vault/	T101434/dat/T100140/SOB_malignant_d_ductal_carcinoma_p_14-2523/200X/SOB_M_DC-14-2523-200-030.png	malignant
udc-vault/	T101434/dat/T100140/SOB_malignant_d_ductal_carcinoma_p_14-2523/200X/SOB_M_DC-14-2523-200-031.png	malignant
udc-vault/	T101434/dat/T100140/SOB_malignant_d_ductal_carcinoma_p_14-2523/200X/SOB_M_DC-14-2523-200-032.png	malignant
udc-vault/	T101434/dat/T100140/SOB_malignant_d_ductal_carcinoma_p_14-2523/200X/SOB_M_DC-14-2523-200-033.png	malignant
udc-vault/	T101434/dat/T100140/SOB_malignant_d_ductal_carcinoma_p_14-2523/200X/SOB_M_DC-14-2523-200-034.png	malignant

Items per page: 50 | 151–195 of 195 items | 4 of 4 pages

Query builder

```
filename LIKE ('%T101434%') AND datasource LIKE ('%udc-vault%') AND filetype LIKE ('%png%')
```

```
[moadmin@discover1 T101434]$ 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 T101434]$
[moadmin@discover1 T101434]$ curl -k -H "Authorization: Bearer ${TOKEN}" https://localhost/policyengine/v1/policies/T101434_autotag_u2pp_pol -X POST -d @./T101434_autotag_u2pp.json -H "Content-Type: application/json"
Policy 'T101434_autotag_u2pp_pol' added[moadmin@discover1 T101434]$
[moadmin@discover1 T101434]$
```

Tag management

Tags | **Policies** | Policy history

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
E1016404_test_pol	AUTOTAG	Done	Active	Complete		sdadmin	9/29/2021, 12:00:35 AM
T100140_ImportTags_pol	IMPORT_TAGS	Done	Active	Complete		sdadmin	9/30/2021, 6:30:47 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
T101434_autotag_u2pp_pol	AUTOTAG	Daily: *:5	Active			sdadmin	10/9/2021, 6:57:50 AM
T101434_autotag_u2type_pol	AUTOTAG	Done	Active	Complete		sdadmin	10/9/2021, 5:00:53 AM
u3-iphone-gps	CONTENTSEARCH	Done	Active	Complete		sdadmin	9/21/2021, 7:44:08 PM

Items per page: 20 | 1–10 of 10 items | 1 of 1 pages

Tag management

Tags | Policies | **Policy history**

Policy name	Type	Started	Ended	Status	Total records	Successful	Skipped	Failed
T101434_autotag_u2pp_pol	AUTOTAG	10/9/2021, 7:05:02 AM	10/9/2021, 7:05:04 AM	Complete	195	195	0	0
T101434_autotag_u2pp_pol	AUTOTAG	10/9/2021, 6:54:44 AM	10/9/2021, 6:54:46 AM	Complete	195	195	0	0
T101434_autotag_u2pp_pol	AUTOTAG	10/9/2021, 6:44:52 AM	10/9/2021, 6:44:53 AM	Complete	195	0	0	0
T101434_autotag_u2pp_pol	AUTOTAG	10/9/2021, 6:43:38 AM	10/9/2021, 6:43:40 AM	Complete	195	0	0	0
T101434_autotag_u2pp_pol	AUTOTAG	10/9/2021, 6:39:33 AM	10/9/2021, 6:39:35 AM	Complete	195	195	0	0
T101434_autotag_u2pp_pol	AUTOTAG	10/9/2021, 6:33:49 AM	10/9/2021, 6:33:51 AM	Complete	195	195	0	0
T101434_autotag_u2pp_pol	AUTOTAG	10/9/2021, 6:30:53 AM	10/9/2021, 6:30:55 AM	Complete	195	195	0	0
T101434_autotag_u2pp_pol	AUTOTAG	10/9/2021, 6:28:32 AM	10/9/2021, 6:28:34 AM	Complete	195	195	0	0
T101434_autotag_u2pp_pol	AUTOTAG	10/9/2021, 6:27:54 AM	10/9/2021, 6:27:57 AM	Complete	195	195	0	0
T101434_autotag_u2pp_pol	AUTOTAG	10/9/2021, 6:19:52 AM	10/9/2021, 6:19:54 AM	Complete	195	195	0	0

Items per page: 20 | 1–20 of 222 items | 1 of 12 pages

Query Results

Results view:

Condensed | Individual

Inspecting records
195

Grouped By

- [ ] Cluster
- [ ] Datasource
- [ ] Filegroup
- [ ] Filename
- [ ] Fileset

Show more...

Matched 195 records from metaocean_view table in 0.12536 seconds

path	filename	u2 pp
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-001.png	14-22549AB
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-002.png	14-22549AB
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-003.png	14-22549AB
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-004.png	14-22549AB
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-005.png	14-22549AB
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-006.png	14-22549AB
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-007.png	14-22549AB
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-008.png	14-22549AB
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-009.png	14-22549AB
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-010.png	14-22549AB

Items per page: 10 | 1–10 of 195 items | 1 of 20 pages

4. Custom-tag Dataset

Results view:

Condensed | Individual

Inspecting records
195

Grouped By

- [ ] Cluster
- [ ] Datasource
- [ ] Filegroup
- [ ] Filename
- [ ] Fileset

Show more...

Matched 195 records from metaocean_view table in 0.12536 seconds

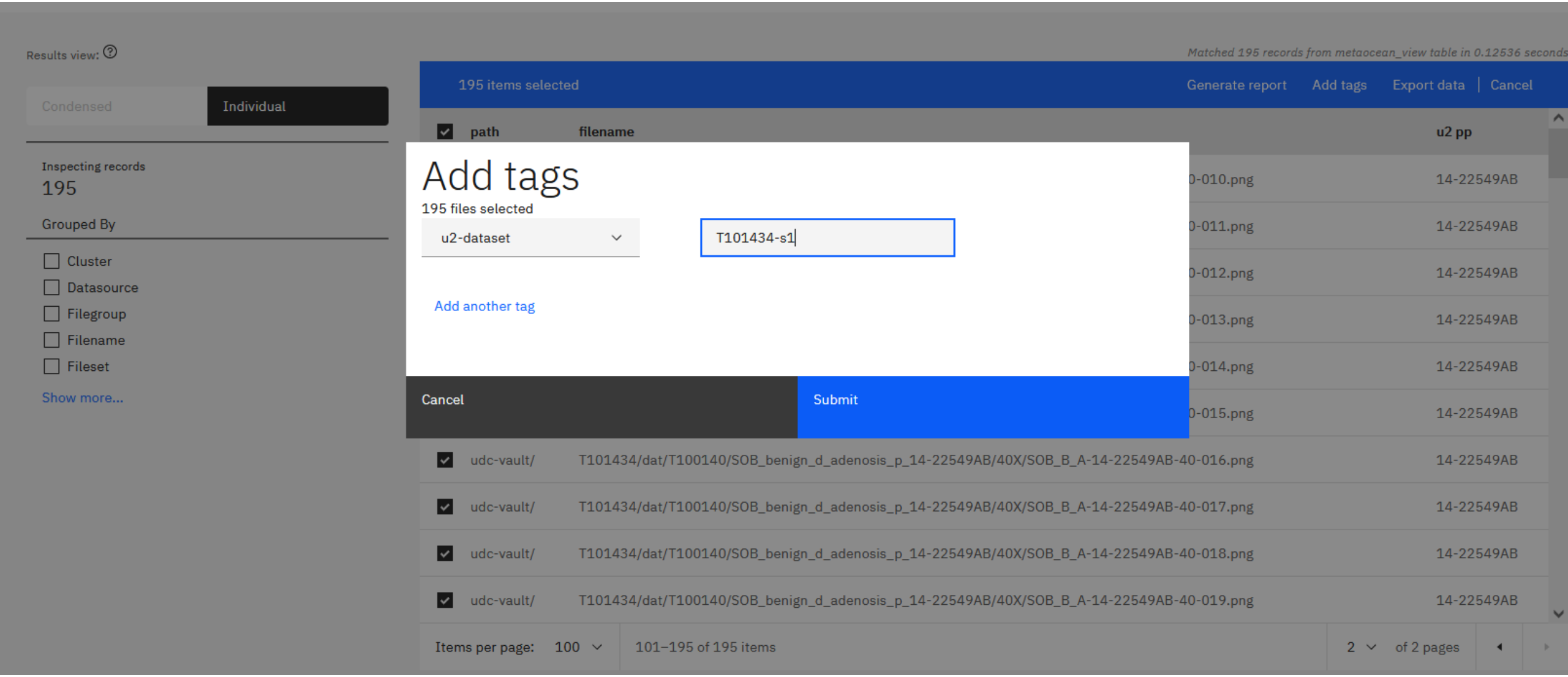
195 items selected | Generate report | Add tags | Export data | Cancel

path	filename	u2 pp
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/40X/SOB_B_A-14-22549AB-40-010.png	14-22549AB
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/40X/SOB_B_A-14-22549AB-40-011.png	14-22549AB
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/40X/SOB_B_A-14-22549AB-40-012.png	14-22549AB
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/40X/SOB_B_A-14-22549AB-40-013.png	14-22549AB
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/40X/SOB_B_A-14-22549AB-40-014.png	14-22549AB
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/40X/SOB_B_A-14-22549AB-40-015.png	14-22549AB
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/40X/SOB_B_A-14-22549AB-40-016.png	14-22549AB
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/40X/SOB_B_A-14-22549AB-40-017.png	14-22549AB
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/40X/SOB_B_A-14-22549AB-40-018.png	14-22549AB
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/40X/SOB_B_A-14-22549AB-40-019.png	14-22549AB

Items per page: 100 | 101–195 of 195 items | 2 of 2 pages

Query builder

```
filename LIKE ('%T101434%') AND datasource LIKE ('%udc-vault%') AND filetype LIKE ('%png%')
```


Results view:
Condensed
Individual
Inspecting records
195
Grouped By
Cluster
Datasource
Filegroup
Filename
Fileset
Show more...
Matched 195 records from metaocean_view table in 0.12536 seconds
195 items selected
Generate report
Add tags
Export data
Cancel
path
filename
u2 pp
Add tags
195 files selected
u2-dataset
T101434-s1
Add another tag
Cancel
Submit
udc-vault/ T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/40X/SOB_B_A-14-22549AB-40-016.png 14-22549AB
udc-vault/ T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/40X/SOB_B_A-14-22549AB-40-017.png 14-22549AB
udc-vault/ T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/40X/SOB_B_A-14-22549AB-40-018.png 14-22549AB
udc-vault/ T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/40X/SOB_B_A-14-22549AB-40-019.png 14-22549AB
Items per page: 100
101–195 of 195 items
2
of 2 pages

Results view:

Matched 195 records from metaocean_view table in 0.114657 seconds

Condensed | **Individual**

Inspecting records
195

Grouped By

- [ ] Cluster
- [ ] Datasource
- [ ] Filegroup
- [ ] Filename
- [ ] Fileset

Show more...

path	filename	u2 pp	u2 dataset
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-001.png	14-22549AB	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-002.png	14-22549AB	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-003.png	14-22549AB	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-004.png	14-22549AB	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-005.png	14-22549AB	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-006.png	14-22549AB	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-007.png	14-22549AB	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-008.png	14-22549AB	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-009.png	14-22549AB	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-010.png	14-22549AB	T101434-s1

Items per page: 50 | 1–50 of 195 items | 1 of 4 pages

Results view:

Condensed | Individual

Inspecting records
195

Grouped By

- [ ] Cluster
- [ ] Datasource
- [ ] Filegroup
- [ ] Filename
- [ ] Fileset

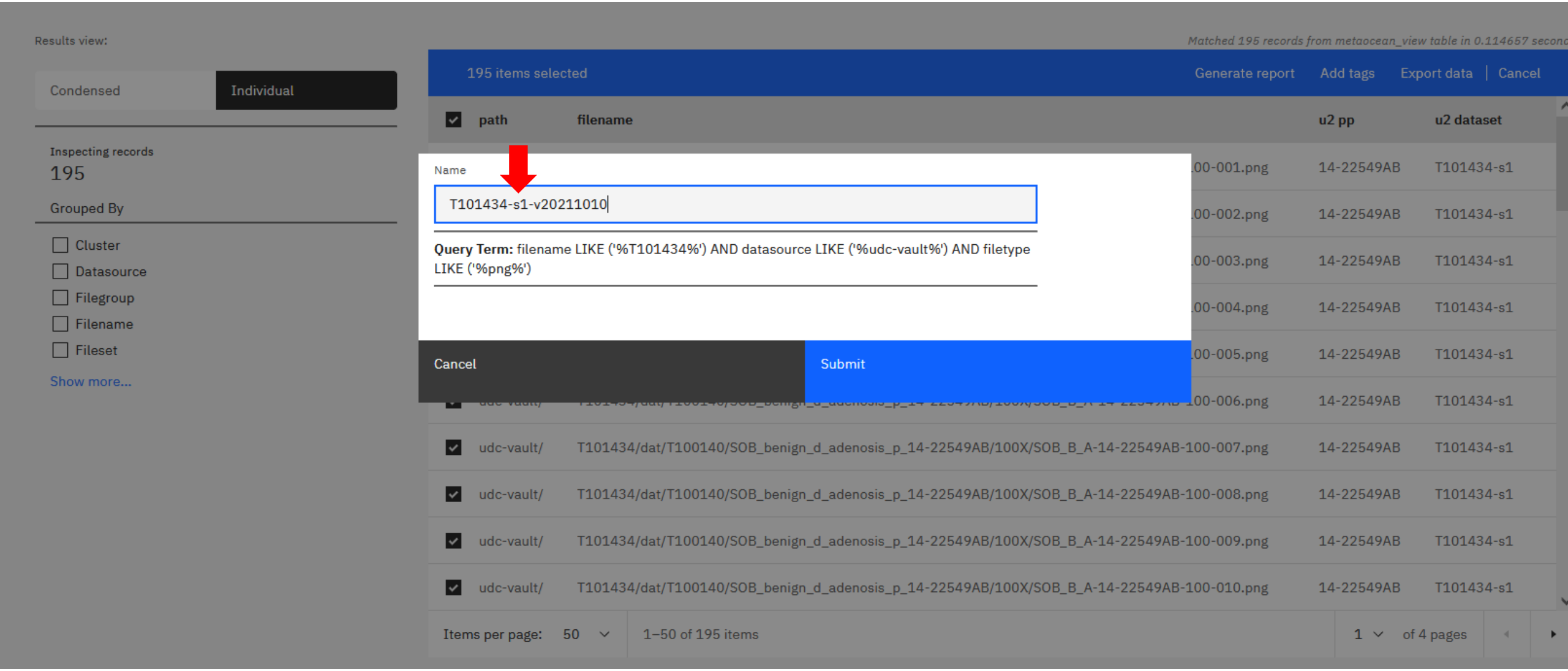
Show more...

Matched 195 records from metaocean_view table in 0.114657 seconds

195 items selected | Generate report | Add tags | Export data | Cancel

path	filename	u2 pp	u2 dataset
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-001.png	14-22549AB	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-002.png	14-22549AB	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-003.png	14-22549AB	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-004.png	14-22549AB	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-005.png	14-22549AB	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-006.png	14-22549AB	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-007.png	14-22549AB	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-008.png	14-22549AB	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-009.png	14-22549AB	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-010.png	14-22549AB	T101434-s1

Items per page: 50 | 1–50 of 195 items | 1 of 4 pages


Results view:
Condensed
Individual
Inspecting records
195
Grouped By
Cluster
Datasource
Filegroup
Filename
Fileset
Show more...
Matched 195 records from metaocean_view table in 0.114657 second
195 items selected
Generate report
Add tags
Export data
Cancel
path
filename
u2 pp
u2 dataset
Name
T101434-s1-v20211010
Query Term: filename LIKE ('%T101434%') AND datasource LIKE ('%udc-vault%') AND filetype LIKE ('%png%')
Cancel
Submit
.00-001.png 14-22549AB T101434-s1
.00-002.png 14-22549AB T101434-s1
.00-003.png 14-22549AB T101434-s1
.00-004.png 14-22549AB T101434-s1
.00-005.png 14-22549AB T101434-s1
.00-006.png 14-22549AB T101434-s1
udc-vault/ T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-007.png 14-22549AB T101434-s1
udc-vault/ T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-008.png 14-22549AB T101434-s1
udc-vault/ T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-009.png 14-22549AB T101434-s1
udc-vault/ T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-010.png 14-22549AB T101434-s1
Items per page: 50
1–50 of 195 items
1
of 4 pages

Reports

T101434-s1-v20211010... selected | Report summary | Run report | Download report | Remove report | Cancel

Report	Last run	Duration	Status	Output size
T101434-s1-v20211010	Sat Oct 09 2021 07:25:07 GMT-0500 (Central Daylight Time)	0 seconds	Complete	106.03 KiB
E1016422-report-1	Thu Sep 30 2021 18:52:22 GMT-0500 (Central Daylight Time)	0 seconds	Complete	1.23 KiB
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

Items per page: 20 | 1–20 of 24 items | 1 of 2 pages

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	path	filename	filetype	datasource	owner	group	revision	site	platform	cluster	inode	permissior	fileset	uid	gid	recordvers	state	migloc
2	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
3	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
4	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
5	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
6	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
7	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
8	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
9	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
10	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
11	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
12	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
13	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
14	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
15	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
16	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
17	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
18	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
19	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
20	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
21	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
22	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
23	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
24	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
25	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
26	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							
27	udc-vault/	T101434/c	png	udc-vault				Tucson	IBM COS	df3b7ae7-	0							

5. AutoTag Based on Filters

Tag management

Tags | **Policies** | Policy history

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
E1016404_test_pol	AUTOTAG	Done	Active	Complete		sdadmin	9/29/2021, 12:00:35 AM
T100140_ImportTags_pol	IMPORT_TAGS	Done	Active	Complete		sdadmin	9/30/2021, 6:30:47 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
T101434_autotag_add2_pol	AUTOTAG	Done	Active	Complete		sdadmin	10/7/2021, 8:34:50 PM
u3-iphone-gps	CONTENTSEARCH	Done	Active	Complete		sdadmin	9/21/2021, 7:44:0

Next page

Items per page: 20 | 1–9 of 9 items | 1 of 1 pages

Tag management

Tags | Policies | **Policy history**

Policy name	Type	Started	Ended	Status	Total records	Successful	Skipped	Failed
T101434_autotag_add2_pol	AUTOTAG	10/7/2021, 8:34:50 PM	10/7/2021, 8:34:52 PM	Complete	195	195	0	0
T100140_ImportTags_pol	IMPORT_TAGS	9/30/2021, 6:30:48 PM	9/30/2021, 6:30:55 PM	Complete	4	4	0	0
E1016404_test_pol	AUTOTAG	9/29/2021, 12:00:36 AM	9/29/2021, 12:00:38 AM	Complete	2	2	0	0
E1016404_test_pol	AUTOTAG	9/28/2021, 11:59:34 PM	9/28/2021, 11:59:36 PM	Complete	2	2	0	0
E1016404_test_pol	AUTOTAG	9/28/2021, 11:57:45 PM	9/28/2021, 11:57:47 PM	Complete	2	2	0	0
E1016404_test_pol	AUTOTAG	9/28/2021, 11:54:03 PM	9/28/2021, 11:54:05 PM	Complete	1	1	0	0
E1016404_test_pol	AUTOTAG	9/28/2021, 11:52:28 PM	9/28/2021, 11:52:30 PM	Complete	1	1	0	0
E1016404_test_pol	AUTOTAG	9/28/2021, 11:48:50 PM	9/28/2021, 11:48:52 PM	Complete	1	1	0	0
E1016404_test_pol	AUTOTAG	9/28/2021, 11:45:42 PM	9/28/2021, 11:45:44 PM	Complete	1	1	0	0
E1016404_test_pol	AUTOTAG	9/28/2021, 11:40:02 PM	9/28/2021, 11:40:04 PM	Complete	1	1	0	0
test_pol	AUTOTAG	9/28/2021, 11:12:02 PM	9/28/2021, 11:12:04 PM	Complete	1	1	0	0
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

Query Results

Results view:

Condensed | **Individual**

Matched 195 records from metaocean_view table in 0.20756 seconds

Inspecting records
195

Grouped By

- [ ] Cluster
- [ ] Datasource
- [ ] Filegroup
- [ ] Filename
- [ ] Fileset

Show more...

path	filename	udc dem2	u2 el
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-001.png	T101434-s1	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-002.png	T101434-s1	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-003.png	T101434-s1	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-004.png	T101434-s1	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-005.png	T101434-s1	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-006.png	T101434-s1	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-007.png	T101434-s1	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-008.png	T101434-s1	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-009.png	T101434-s1	T101434-s1
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-010.png	T101434-s1	T101434-s1

Items per page: 10 | 1–10 of 195 items | 1 of 20 pages

Query builder

```
filename LIKE ('%T101434%') AND datasource LIKE ('%udc-vault%') AND filetype LIKE ('%png%')
```

6. View Images Directly with Calculated URL

Query Results

Results view:

Condensed | **Individual**

Inspecting records
195

Grouped By

- [ ] Cluster
- [ ] Datasource
- [ ] Filegroup
- [ ] Filename
- [ ] Fileset

Show more...

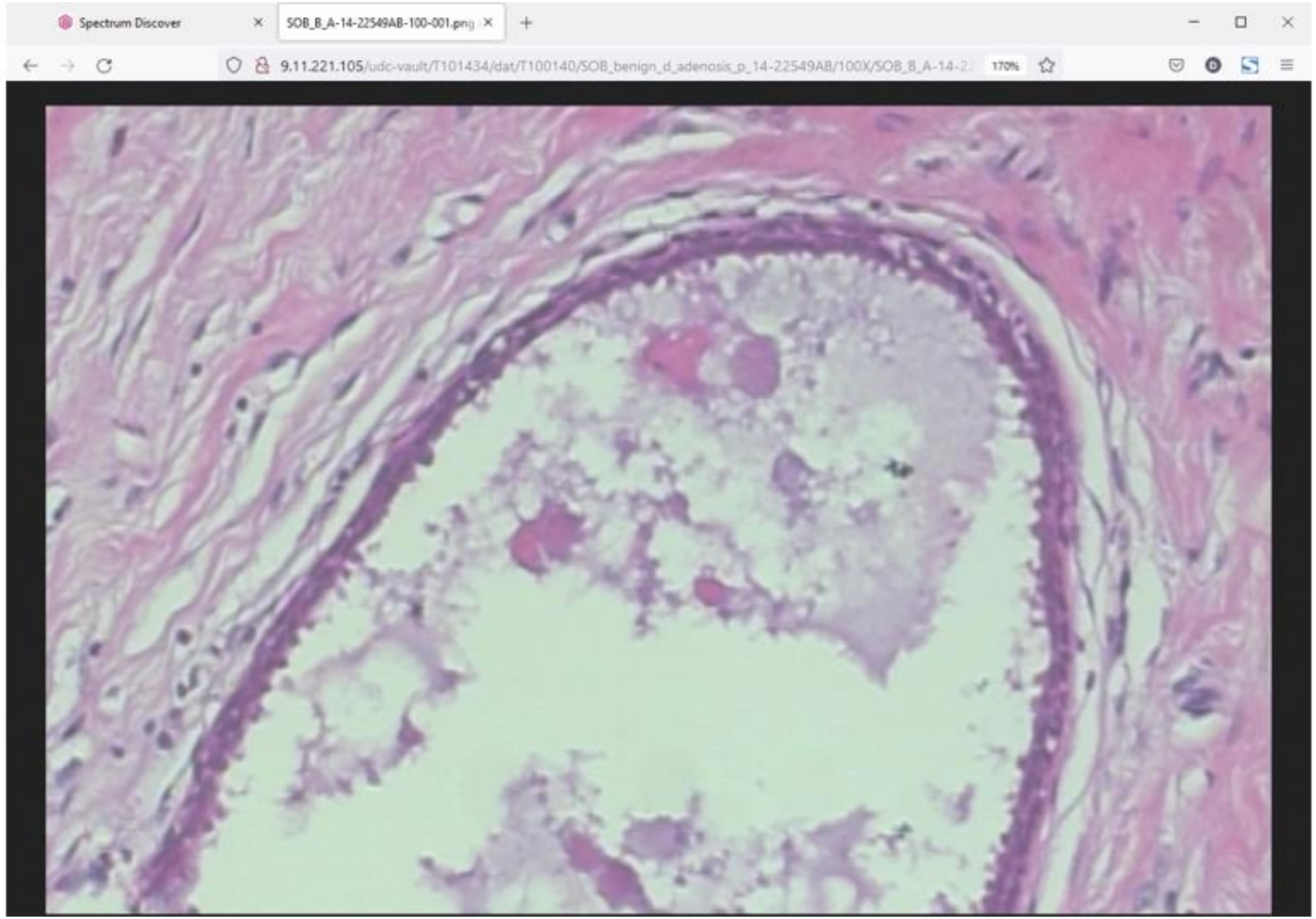
Matched 195 records from metaocean_view table in 0.20756 seconds

path	filename	cluster
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-001.png	df3b7ae7-ab82-756b-01c4-c9f3ac8fae42
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-002.png	df3b7ae7-ab82-756b-01c4-c9f3ac8fae42
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-003.png	df3b7ae7-ab82-756b-01c4-c9f3ac8fae42
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-004.png	df3b7ae7-ab82-756b-01c4-c9f3ac8fae42
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-005.png	df3b7ae7-ab82-756b-01c4-c9f3ac8fae42
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-006.png	df3b7ae7-ab82-756b-01c4-c9f3ac8fae42
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-007.png	df3b7ae7-ab82-756b-01c4-c9f3ac8fae42
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-008.png	df3b7ae7-ab82-756b-01c4-c9f3ac8fae42
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-009.png	df3b7ae7-ab82-756b-01c4-c9f3ac8fae42
udc-vault/	T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-22549AB-100-010.png	df3b7ae7-ab82-756b-01c4-c9f3ac8fae42

Items per page: 10 | 1–10 of 195 items | 1 of 20 pages

Query builder

```
filename LIKE ('%T101434%') AND datasource LIKE ('%udc-vault%') AND filetype LIKE ('%png%')
```


Spectrum Discover
SOB_B_A-14-22549AB-100-001.png
9.11.221.105/udc-vault/T101434/dat/T100140/SOB_benign_d_adenosis_p_14-22549AB/100X/SOB_B_A-14-2
170%