

# Arvados - Support #16668

## Load demo data from openslide

08/06/2020 03:53 PM - Peter Amstutz

|   |                                  |
|---|----------------------------------|
| <b>Status:</b> Resolved   | <b>Start date:</b>               |
| <b>Priority:</b> Normal   | <b>Due date:</b>                 |
| <b>Assigned To:</b> Tom Clegg   | <b>% Done:</b> 0%                |
| <b>Category:</b>  | <b>Estimated time:</b> 0.00 hour |
| <b>Target version:</b> 2020-09-09 Sprint  |                                  |
| <b>Description</b><br><a href="http://openslide.cs.cmu.edu/download/openslide-testdata/">http://openslide.cs.cmu.edu/download/openslide-testdata/</a><br>Load this into an Arvados instance somewhere<br>Need to unzip the zip files.<br>Separate project per technology.<br>Separate collection per slide. |                                  |
| <b>Related issues:</b><br>Related to Arvados - Story #16535: [keep-web] Minimal implementation of S3 API <b>Resolved</b> <b>07/21/2020</b>  |                                  |

### History

#### #1 - 08/06/2020 03:54 PM - Peter Amstutz

- Description updated

#### #2 - 08/06/2020 03:59 PM - Peter Amstutz

- Description updated

#### #3 - 08/12/2020 03:51 PM - Peter Amstutz

- Target version changed from 2020-08-26 Sprint to 2020-09-09 Sprint

#### #4 - 08/26/2020 04:09 PM - Peter Amstutz

- Assigned To set to Tom Clegg

#### #5 - 08/27/2020 08:50 PM - Tom Clegg

- Status changed from New to In Progress

#### #6 - 08/28/2020 02:09 PM - Tom Clegg

Aperio: project [ce8i5-j7d0g-fno4j907u6zmrml](#)

|  |  |   |
|--|--|---|
| Aperio/CMU-1   | <a href="#">ce8i5-4zz18-5fyr0721pr9wgv</a>   |   |
| Aperio/CMU-1-JP2K-33005                                    | <a href="#">ce8i5-4zz18-wzhsm4qma0i7t5a</a>  |   |
| Aperio/CMU-1-Small-Region                                  | <a href="#">ce8i5-4zz18-nffvfqc46d4qt3q</a>  |   |
| Aperio/CMU-2   | <a href="#">ce8i5-4zz18-b6qqog55xypd1wd</a>  |   |
| Aperio/CMU-3   | <a href="#">ce8i5-4zz18-hej7suuwynw4kd7</a>  |   |
| Aperio/JP2K-33003-1  | <a href="#">ce8i5-4zz18-6586ki9et67hev</a>   |   |
| Aperio/JP2K-33003-2  | <a href="#">ce8i5-4zz18-24dinfqcnosomfg9</a> |   |
| MIRAX: project <a href="#">ce8i5-j7d0g-tl2e38y8xgdwxss</a> | MIRAX/CMU-1                                  | <a href="#">ce8i5-4zz18-j45o88d58u7js60</a> |
|  | MIRAX/CMU-1-Exported                         | <a href="#">ce8i5-4zz18-nusqt0s5nd7d1zf</a> |
|  | MIRAX/CMU-1-Saved-1_16                       | <a href="#">ce8i5-4zz18-vlcao3kj3yyxdrk</a> |
|  | MIRAX/CMU-1-Saved-1_2                        | <a href="#">ce8i5-4zz18-a2g6om052rez8i1</a> |
|  | MIRAX/Mirax2.2-1                             | <a href="#">ce8i5-4zz18-id62n1o6o7iikwl</a> |
|  | MIRAX/Mirax2.2-4-PNG                         | <a href="#">ce8i5-4zz18-b09nwmqdl67qk</a>   |

S3 config:

- Endpoint: <https://download.ce8i5.arvadosapi.com>
- Access Key: 3dnjzwsn4y8mhg03u0mdpucp2jrdcwlsvpmrd1ytdvfippou8
- Secret Key: 3dnjzwsn4y8mhg03u0mdpucp2jrdcwlsvpmrd1ytdvfippou8
- Bucket: project or collection UUID from above tables, e.g., [ce8i5-4zz18-j45o88d58u7js60](#)

Example:

```
$ curl -H "Authorization: AWS4-HMAC-SHA256 Credential=3dnjzwsn4y8mhg03u0mdpucp2jrdcwlsvpmrd1ytdvfippou8" "https://download.ce8i5.arvadosapi.com/ce8i5-4zz18-j45o88d58u7js60/?delimiter=/&prefix=CMU-1/"
<?xml version="1.0" encoding="UTF-8"?>
<ListBucketResult xmlns="http://s3.amazonaws.com/doc/2006-03-01/"><Name>ce8i5-4zz18-j45o88d58u7js60
</Name><Prefix>CMU-1/</Prefix><Delimiter>/...
```

```
$ s3cmd --access_key=3dnjzwsn4y8mhg03u0mdpucp2jrdcwlsvpmrd1ytdvfippou8 --secret_key=none --host=download.ce8i5.arvadosapi.com --host-bucket=download.ce8i5.arvadosapi.com ls s3://ce8i5-4zz18-j45o88d58u7js60/
```

```
DIR s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/
2020-08-27 20:56 73531 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1.mrxs
$ s3cmd --access_key=3dnjzwsn4y8mhg03u0mdpucp2jrdcwlsvpmrd1ytdvfippou8 --secret_key=none --host=download.ce8i5.arvadosapi.com --host-bucket=download.ce8i5.arvadosapi.com ls s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/
2020-08-27 20:56 0 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/
2020-08-27 20:56 725 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0000.dat
2020-08-27 20:56 725 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0001.dat
2020-08-27 20:56 77021 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0002.dat
2020-08-27 20:56 56786 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0003.dat
2020-08-27 20:56 394278767 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0004.dat
2020-08-27 20:56 830540 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0005.dat
2020-08-27 20:56 116063098 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0006.dat
2020-08-27 20:56 36857868 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0007.dat
2020-08-27 20:56 11216029 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0008.dat
2020-08-27 20:56 3222476 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0009.dat
2020-08-27 20:56 861685 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0010.dat
2020-08-27 20:56 256092 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0011.dat
2020-08-27 20:56 94214 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0012.dat
2020-08-27 20:56 29978 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0013.dat
2020-08-27 20:56 8580 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0014.dat
2020-08-27 20:56 6440 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0015.dat
2020-08-27 20:56 1766 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0016.dat
2020-08-27 20:56 588 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0017.dat
2020-08-27 20:56 62772 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0018.dat
2020-08-27 20:56 193544 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0019.dat
2020-08-27 20:56 4233 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0020.dat
2020-08-27 20:56 1060 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0021.dat
2020-08-27 20:56 58420 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Data0022.dat
2020-08-27 20:56 834477 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Index.dat
2020-08-27 20:56 11260 s3://ce8i5-4zz18-j45o88d58u7js60/CMU-1/Slidedat.ini
```

#### #7 - 08/31/2020 03:00 PM - Tom Clegg

- Status changed from In Progress to Resolved

#### #8 - 09/08/2020 01:16 PM - Peter Amstutz

What's the rationale for having the token in "Access Key" instead of "Secret Key"? Shouldn't the "Access Key" be the token UUID and the "Secret Key" should be the token secret?

#### #9 - 09/08/2020 01:55 PM - Tom Clegg

- Related to Story #16535: [keep-web] Minimal implementation of S3 API added

#### #10 - 09/09/2020 03:55 PM - Tom Clegg

What's the rationale for having the token in "Access Key" instead of "Secret Key"? Shouldn't the "Access Key" be the token UUID and the "Secret Key" should be the token secret?

This was quicker to implement for initial testing (Access Key is sent with the request, but Secret Key isn't). Access Key = token UUID / Secret Key = entire token would be more secure, that's now [#16809](#).