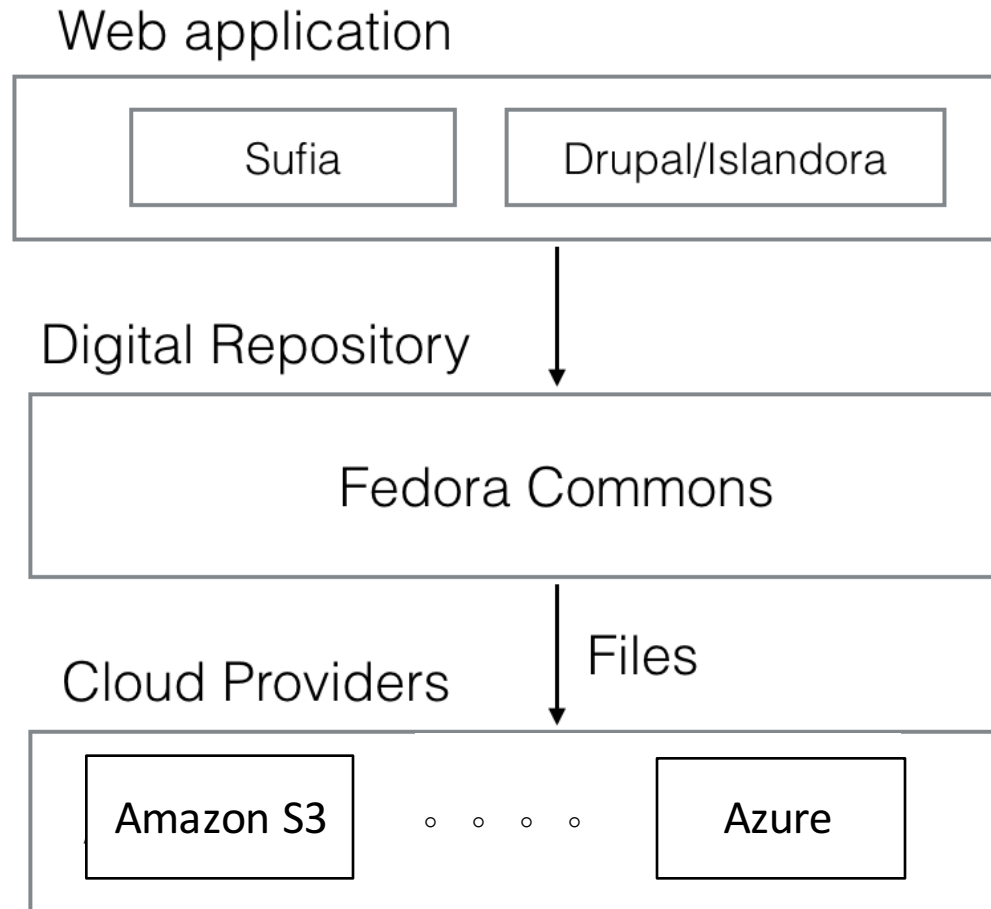


A Library to Manage Web Archive Files in Cloud Storage

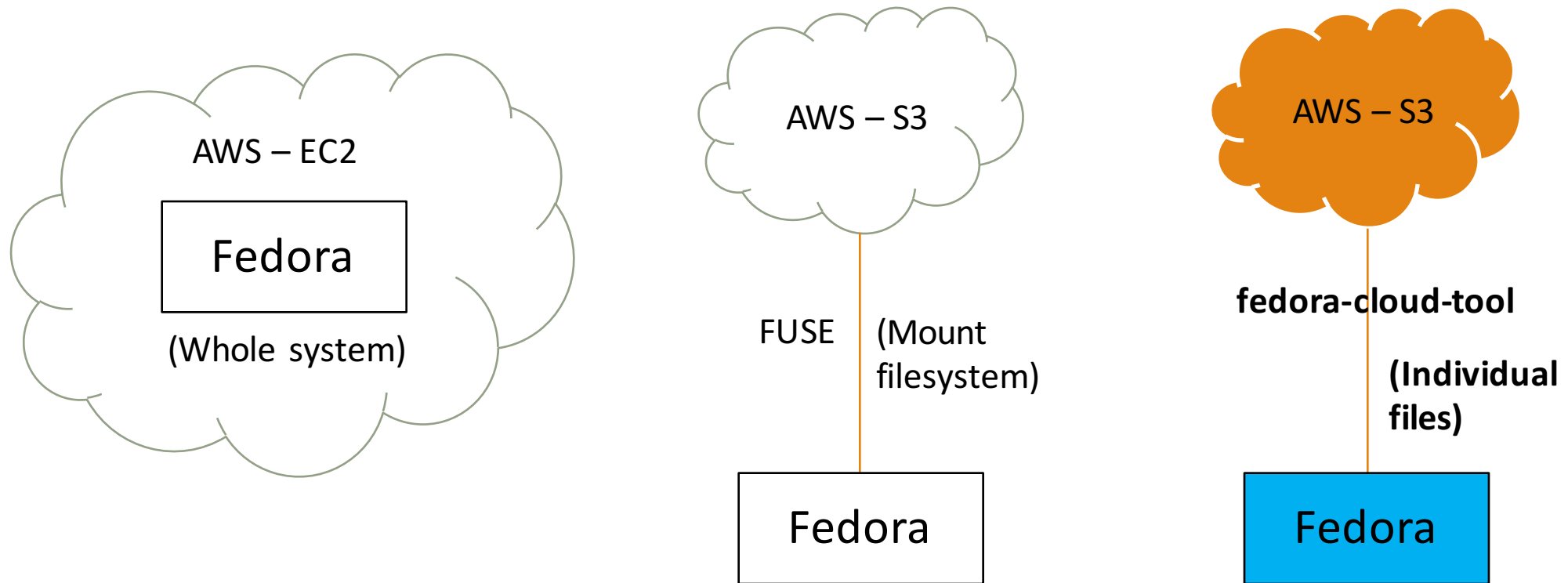
WADL 2016, 22 June 2016, Rutgers U., Newark, NJ

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Introduction



Project Description



fedora-cloud-tool

- GitHub: <https://github.com/yinlinchen/wadl>
- Source code: fedora-cloud-tool
 - \$ cd fedora-cloud-tool
 - \$ mvn clean install
- Example: Move file: Fedora to S3; Restore from S3 to Fedora

Thank You

- University Libraries, Virginia Tech
- Computer Science, Virginia Tech
- SIGIR Student Travel Grant
- Amazon AWS Research Grant



http://localhost:8080/rest/example1

[Home](#) / [example1](#)**Created at**

2016-06-18T15:37:17.573Z by bypassAdmin

Last Modified at

2016-06-18T15:41:56.556Z by bypassAdmin

Children 3

1. <http://localhost:8080/rest/example1/fedora.png>
2. <http://localhost:8080/rest/example1/JCDL16.jpeg>
3. <http://localhost:8080/rest/example1/jclous.jpg>

Properties

fedora: **created**
2016-06-18T15:37:17.573Z

fedora: **createdBy**
bypassAdmin

fedora: **hasParent**
<http://localhost:8080/rest/>

fedora: **lastModified**
2016-06-18T15:41:56.556Z

fedora: **lastModifiedBy**
bypassAdmin

fedora: **numberOfChildren**
3

fedora: **writable**
true

ldp: **contains**
<http://localhost:8080/rest/example1/JCDL16.jpeg>
<http://localhost:8080/rest/example1/fedora.png>
<http://localhost:8080/rest/example1/jclous.jpg>

Create New Child Resource

Type

container ▴ ▾

Identifier

(auto-generated identifier)

[Add](#)

Update Properties

PREFIX premis:
<http://www.loc.gov/premis/rdf/v1#>

PREFIX image:
<http://www.modeshape.org/images/1.0>

PREFIX sv:
<http://www.jcp.org/jcr/sv/1.0>

PREFIX test: <info:fedora/test/>

PREFIX nt:

[Update](#)

http://localhost:8080/rest/example1/JCDL16.jpeg

[Home](#) / [example1](#) / [JCDL16.jpeg](#)

Created at
2016-06-14T14:38:34.195Z by bypassAdmin

Last Modified at
2016-06-14T14:38:34.195Z by bypassAdmin

Children 0

Properties

ebucore: filename
ebucore: hasMimeType
image/jpeg

fedora: created
2016-06-14T14:38:34.195Z

fedora: createdBy
bypassAdmin

fedora: hasFixityService
<http://localhost:8080/rest/example1/JCDL16.jpeg/fcr:fixity>

fedora: hasParent
<http://localhost:8080/rest/example1>

fedora: lastModified
2016-06-14T14:38:34.195Z

fedora: lastModifiedBy
bypassAdmin

Download Content

Fixity

Update Content

File
 No file chosen

Update

Update Properties

PREFIX premis:
<http://www.loc.gov/premis/rdf/v1
#>
PREFIX image:
<http://www.modeshape.org/imag
es/1.0>
PREFIX sv:
<http://www.jcp.org/jcr/sv/1.0>

http://localhost:8080/rest/example1/JCDL16.jpeg

[Home](#) / [example1](#) / [JCDL16.jpeg](#)

Created at

2016-06-14T14:43:39.118Z by bypassAdmin

Last Modified at

2016-06-14T14:43:39.237Z by bypassAdmin

Children 0

Properties

dc: source

https://myjcloudcontainer2.s3.amazonaws.com/JCDL16.jpeg

fedora: created

2016-06-14T14:43:39.118Z

fedora: createdBy

bypassAdmin

fedora: hasParent

[http://localhost:8080/rest/example1](#)

fedora: lastModified

2016-06-14T14:43:39.237Z

Create New Child Resource

Type

container

Identifier

(auto-generated identifier)

Add

Update Properties

PREFIX premis:

<http://www.loc.gov/premis/rdf/v1



AWS ▾

Services ▾

Edit ▾

Upload

Create Folder

Actions ▾

Search by prefix

Normal

All Buckets / [myjcloudcontainer2](#)

	Name	Storage Class
<input type="checkbox"/>	JCDL16.jpeg	Standard