

Infrastructure - Bug #2447

url-escaped identifier values in ObjectLists / resolve failures

2012-03-06 22:22 - Rob Nahf

Status:	Closed	Start date:	
Priority:	Urgent	Due date:	
Assignee:	Rob Nahf	% Done:	100%
Category:	Environment.Development	Estimated time:	0.00 hour
Target version:	Sprint-2012.09-Block.2.1	Story Points:	
Milestone:	CCI-1.0.0		
Product Version:	*		

Description

a listObject (<http://cn-dev-2.dataone.org/cn/v1/object>)
or search (http://cn-dev-2.dataone.org/cn/v1/search/solr?q=*.)

returns an objectList where the elements in the objectList contain not the real identifier values, but the url-escaped values. Mangling seems to be happening on subsequence resolve and get calls.

Subsequently, following the links causes failures:

for example:

where pid = testMNodeTier3:201260155133286_path-ascii-doc-example-10.1000/182

the url escaped form is: testMNodeTier3:201260155133286_path-ascii-doc-example-10.1000%2F182

a search of: http://cn-dev-2.dataone.org/cn/v1/search/solr?q=id:testMNodeTier3:201260155133286*doc-example-10.1000*

yields:

```
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet href="/cn/xslt/dataone.types.v1.xsl" type="text/xsl"?>
```

```
testMNodeTier3:201260155133286_path-ascii-doc-example-10.1000%2F182
```

```
text/plain
```

```
4504b4dd97f2d7a4766dfaaa3f968ec2
```

```
2012-03-04T05:09:49.575Z
```

```
684336
```

[/d1:objectList](#)

http://cn-dev-2.dataone.org/cn/v1/resolve/testMNodeTier3:201260155133286_path-ascii-doc-example-10.1000%2F182

this doesn't resolve:

https://demo3.test.dataone.org/knb/d1/mn/v1/object/testMNodeTier3:201260155133286_path-ascii-doc-example-10.1000%2F182

but if you escape the escaped slash (%2F becomes %252F) it resolves.

https://demo3.test.dataone.org/knb/d1/mn/v1/object/testMNodeTier3:201260155133286_path-ascii-doc-example-10.1000%252F182

Experience in the past indicates that there's probably problems with the apache settings, and decoding is happening before reaching where it needs.

Could be a problem with either the CN or the MN.

History

#1 - 2012-03-06 23:44 - Rob Nahf

- Category set to Environment.Development

- Priority changed from Normal to Urgent

- Assignee set to Robert Waltz

#2 - 2012-03-06 23:44 - Rob Nahf

- Subject changed from url-escaped identifier values in ObjectLists to url-escaped identifier values in ObjectLists / resolve failures

#3 - 2012-03-07 07:22 - Rob Nahf

- Assignee changed from Robert Waltz to Rob Nahf

- Status changed from New to In Progress

closer inspection seems to indicate that escaped identifiers were created in earlier tests, instead of what was assumed to be unescaped ones.

#4 - 2012-03-09 19:47 - Rob Nahf

- Status changed from In Progress to Closed

- % Done changed from 0 to 100

problem was due to bad tests. Fixed tests.