

Infrastructure - Bug #1185

escaped '+' in PID double-decoded to space, throwing error for mn.create()

2011-01-04 21:25 - Rob Nahf

Status:	Closed	Start date:	
Priority:	Urgent	Due date:	
Assignee:	Chad Berkley	% Done:	100%
Category:	Metacat	Estimated time:	0.00 hour
Target version:	Sprint-2011.01	Story Points:	
Milestone:			
Product Version:	*		

Description

mn.create throwing an error for identifiers with + in them. From integration tests:

PID: knb:testid:2011411433148_common-unicode-ascii-escape-space-v-plus-+ %20 %20+

restURL:

http://cn-dev.dataone.org/knb/d1/object/knb:testid:2011411433148_common-unicode-ascii-escape-space-v-plus-%2B%20%2B%2520%20%2520%2B?sessionId=3F9F894A8AFA9645557C5439A0201841

method: POST

returns

tried to get content and failed. Receiving an error stream instead.

error message: GUID in method call (knb:testid:2011411433148_common-unicode-ascii-escape-space-v-plus- %20 %20)

does not match GUID in system metadata (knb:testid:2011411433148_common-unicode-ascii-escape-space-v-plus-+ %20 %20+).

syslog yields:

```
root@cn-dev:/var/log# tail -1500 syslog | grep 2011411433148_common-unicode
Jan 4 11:04:46 cn-dev jsvc.exec[30663]: In D1URLFilter.#012request uri:
/knb/d1/object/knb:testid:2011411433148_common-unicode-ascii-escape-
space-v-plus-+ %20 %2520 %20 %2520 + #012HTTP Verb: POST#012handling verb 2 request with resource 'object'#012sessionData:
edu.ucsb.nceas.metacat.util.SessionData@48805ebb#012username:
uid=kepler,o=unaffiliated,dc=ecoinformatics,dc=org#012sessionId:
3F9F894A8AFA9645557C5439A0201841#012setting sessionid to 3F9F894A8AFA9645557C5439A0201841#012username:
uid=kepler,o=unaffiliated,dc=ecoinformatics,dc=org
Jan 4 11:04:46 cn-dev jsvc.exec[30663]: Using resource 'object'#012sessionData:
edu.ucsb.nceas.metacat.util.SessionData@48805ebb#012username:
uid=kepler,o=unaffiliated,dc=ecoinformatics,dc=org#012sessionId: 3F9F894A8AFA9645557C5439A0201841#012setting sessionid to
3F9F894A8AFA9645557C5439A0201841#012username: uid=kepler,o=unaffiliated,dc=ecoinformatics,dc=org#012original pathInfo:
/knb:testid:2011411433148_common-unicode-ascii-escape-space-v-plus-+ %20 %20 + #012new pathInfo:
/knb:testid:2011411433148_common-unicode-ascii-
escape-space-v-plus- %20 %20 #012original pathInfo: /knb:testid:2011411433148_common-unicode-ascii-escape-space-v-plus-+
+ %20 %20 + #012new
pathInfo: /knb:testid:2011411433148_common-unicode-ascii-escape-space-v-plus- %20 %20 #012objectId in
ResourceHandler.handle:
knb:testid:2011411433148_common-unicode-ascii-escape-space-v-plus- %20 %20
Jan 4 11:04:46 cn-dev jsvc.exec[30663]: creating object with guid
knb:testid:2011411433148_common-unicode-ascii-escape-space-v-plus- %20 %20
#012org.dataone.service.exceptions.InvalidSystemMetadata: GUID in method call
(knb:testid:2011411433148_common-unicode-ascii-escape-space-v-plus- %20
%20 ) does not match GUID in system metadata (knb:testid:2011411433148_common-unicode-ascii-escape-space-v-plus-+ %20
%20+).#012#011at
edu.ucsb.nceas.metacat.dataone.CrudService.create(CrudService.java:304)#012#011at
edu.ucsb.nceas.metacat.restservice.ResourceHandler.putObject(ResourceHandler.java:1585)#012#011at
edu.ucsb.nceas.metacat.restservice.ResourceHandler.handle(ResourceHandler.java:353)#012#011at
edu.ucsb.nceas.metacat.restservice.RestServlet.doPost(RestServlet.java:70)#012#011at
javax.servlet.http.HttpServlet.service(HttpServlet.java:637)#012#011at
javax.servlet.http.HttpServlet.service(HttpServlet.java:717)#012#011at sun.reflect.GeneratedMethodAccessor71.invoke(Unknown
```

Source)#012#011at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:25)#012#011at java.lang.reflect.Met

Related issues:

Related to Infrastructure - Task #1187: change D1HttpRequest.getPathInfo meth...

Closed

2011-01-04

History

#1 - 2011-01-04 21:43 - Rob Nahf

- Subject changed from double-slash compressed to single in `mn.create()` to escaped '+' in PIDs throw error for `mn.create()`
- Priority changed from Normal to Urgent
- Assignee set to Chad Berkley

#2 - 2011-01-04 21:47 - Rob Nahf

- Subject changed from escaped '+' in PIDs throw error for `mn.create()` to escaped '+' in PID double-decoded to space, throwing error for `mn.create()`

#3 - 2011-01-04 21:47 - Rob Nahf

- Category set to Metacat

#4 - 2011-01-04 22:27 - Rob Nahf

think we found the problem - see related issue [#1187](#)

#5 - 2011-01-06 21:30 - Chad Berkley

- Status changed from New to Closed