

Infrastructure - Task #2392

Story # 2387 (Closed): refactor CLI commands to correspond to API

Ensure that CLI commands correspond to API methods.

2012-02-23 22:43 - Andrew Pippin

Status:	Closed	Start date:	2012-02-23
Priority:	Normal	Due date:	
Assignee:	Andrew Pippin	% Done:	100%
Category:	d1_client_cli	Estimated time:	0.00 hour
Target version:	Sprint-2012.11-Block.2.2	Story Points:	
Milestone:	CCI-1.0.0		
Product Version:	*		
Description			

History

#1 - 2012-02-23 22:46 - Andrew Pippin

Go through the commands in the CLI and the methods in the API and make sure that the names match. If not, collect a list for review.

#2 - 2012-02-23 22:57 - Andrew Pippin

There are now 35 commands in the "CLI":
https://repository.dataone.org/software/cicore/trunk/itk/d1_client_cli/doc/build/html/reference.html#commands (including the EOF command):

- do_addblocked(self, line):
- do_addpreferred(self, line):
- do_allowpublic(self, line):
- do_allowreplication(self, line):
- do_allow(self, line):
- do_clearreplication(self, line):
- do_clear(self, line):
- do_create(self, line):
- do_data(self, line):
- do_delete(self, line):
- do_denyall(self, line):
- do_denypublic(self, line):
- do_deny(self, line):
- do_disallowreplication(self, line):
- do_EOF(self, line):
- do_exit(self, line):
- do_fields(self, line):
- do_get(self, line):
- do_help(self, line):
- do_history(self, line):
- do_list(self, line):
- do_load(self, line):
- do_log(self, line):
- do_meta(self, line):
- do_related(self, line):
- do_remove(self, line):
- do_reset(self, line):
- do_resolve(self, line):
- do_save(self, line):
- do_search(self, line):
- do_setaccess(self, line):
- do_setreplicas(self, line):
- do_setreplication(self, line):
- do_set(self, line):
- do_update(self, line):

#3 - 2012-02-23 23:14 - Andrew Pippin

h2. API methods are:

```
{background:#ddd}. \3. "Member nodes":http://mule1.dataone.org/ArchitectureDocs-current/apis/MN\_APIs.html |
| Tier | REST | Function |
| 1 | GET /monitor/ping | MNCore.ping() |
| 1 | GET /log | MNCore.getLogRecords() |
| 1 | GET / and GET /node | MNCore.getCapabilities() |
| 1 | GET /object/{pid} | MNRead.get() |
| 1 | GET /meta/{pid} | MNRead.getSystemMetadata() |
| 1 | HEAD /object/{pid} | MNRead.describe() |
| 1 | GET /checksum/{pid}[?checksumAlgorithm={checksumAlgorithm}] | MNRead.getChecksum() |
| 1 | GET /object[?fromDate={fromDate}&toDate={toDate}&formatid={formatId}&replicaStatus={replicaStatus}&start={start}&count={count}] |
MNRead.listObjects() |
| 1 | POST /error | MNRead.synchronizationFailed() |
| 2 | GET /isAuthorized/{pid}?action={action} | MNAuthorization.isAuthorized() |
| 3 | POST /object | MNStorage.create() |
| 3 | PUT /object/{pid} | MNStorage.update() |
| 3 | DELETE /object/{pid} | MNStorage.delete() |
| 2 | POST /dirtySystemMetadata | MNStorage.systemMetadataChanged() |
| 4 | POST /replicate | MNReplication.replicate() |
| 4 | GET /replica/{pid} | MNReplication.getReplica() |
{background:#ddd}. \3. "Coordinating Nodes":http://mule1.dataone.org/ArchitectureDocs-current/apis/CN\_APIs.html |
| Tier | REST | Function |
| 1 | GET /monitor/ping | CNCCore.ping() |
| 1 | POST /object | CNCCore.create() |
| 1 | GET /formats | CNCCore.listFormats() |
| 1 | GET /formats/{formatId} | CNCCore.getFormat() |
| 1 | GET /log[?fromdate={fromDate}][&todate={toDate}][&event={event}][&start={start}][&count={count}] | CNCCore.getLogRecords() |
| 1 | POST /reserve | CNCCore.reserveIdentifier() |
| 1 | POST /generate | CNCCore.generateIdentifier() |
| 1 | GET /checksum | CNCCore.listChecksumAlgorithms() |
| ? | PUT /obsoletedBy/{pid} | CNCCore.setObsoletedBy() |
| 1 | GET /node | CNCCore.listNodes() |
| 1 | POST /meta | CNCCore.registerSystemMetadata() |
| ? | GET /reserve/{pid}?subject={subject} | CNCCore.hasReservation() |
| 1 | GET /object/{pid} | CNRead.get() |
| 1 | GET /meta/{pid} | CNRead.getSystemMetadata() |
| 1 | HEAD /object/{pid} | CNRead.describe() |
| 1 | GET /resolve/{pid} | CNRead.resolve() |
| 1 | GET /checksum/{pid} | CNRead.getChecksum() |
| 1 | GET /object[?fromDate={fromDate}&toDate={toDate}&formatid={formatId}&replicaStatus={replicaStatus}&start={start}&count={count}] |
CNRead.listObjects() |
| 1 | GET /search/{queryType}/{query} | CNRead.search() |
| 2 | PUT /owner/{pid} | CNAuthorization.setRightsHolder() |
| 2 | GET /isAuthorized/{pid}?action={action} | CNAuthorization.isAuthorized() |
| 2 | PUT /accessRules/{pid} | CNAuthorization.setAccessPolicy() |
| 2 | POST /accounts | CNIdentity.registerAccount() |
| 2 | PUT /accounts/{subject} | CNIdentity.updateAccount() |
| 2 | PUT /accounts/verification/{subject} | CNIdentity.verifyAccount() |
| 2 | GET /accounts/{subject} | CNIdentity.getSubjectInfo() |
| 2 | GET /accounts?query={query}[&status={status}&start={start}&count={count}] | CNIdentity.listSubjects() |
| 2 | POST /accounts/map | CNIdentity.mapIdentity() |
| 2 | DELETE /accounts/map/{subject} | CNIdentity.removeMapIdentity() |
| 2 | POST /accounts/pendingmap | CNIdentity.requestMapIdentity() |
| 2 | PUT /accounts/pendingmap/{subject} | CNIdentity.confirmMapIdentity() |
| 2 | GET /accounts/pendingmap/{subject} | CNIdentity.getPendingMapIdentity() |
| 2 | DELETE /accounts/pendingmap/{subject} | CNIdentity.denyMapIdentity() |
| 2 | POST /groups | CNIdentity.createGroup() |
| 2 | PUT /groups | CNIdentity.updateGroup() |
| 4 | PUT /replicaNotifications/{pid} | CNReplication.setReplicationStatus() |
| 4 | PUT /replicaMetadata/{pid} | CNReplication.updateReplicationMetadata() |
| 4 | PUT /replicaPolicies/{pid} | CNReplication.setReplicationPolicy() |
| 4 | GET /replicaAuthorizations/{pid}?targetNodeSubject={targetNodeSubject} | CNReplication.isNodeAuthorized() |
| ? | PUT /removeReplicaMetadata/{pid} | CNReplication.deleteReplicationMetadata() |
| 2 | PUT /node/{nodeid} | CNRegister.updateNodeCapabilities() |
| 2 | POST /node | CNRegister.register() |
```

#4 - 2012-02-24 00:43 - Andrew Pippin

```
| CLI Command | API call |
\2. +CLI+ |
| exit |=. - |
| history |=. - |
| help |=. - |
| EOF |=. - |
\2. +Session Parameters+ |
| reset |=. - |
| load |=. - |
| save |=. - |
| -get- show |=. - |
| set |=. - |
| clear |=. - |
\2. +Access Policy+ |
| allow |=. - |
| deny |=. - |
| allowpublic |=. - |
| denypublic |=. - |
| denyall |=. - |
\2. +Replication Policy+ |
| clearreplication |=. - |
| addpreferred |=. - |
| addblocked |=. - |
| remove |=. - |
| allowreplication |=. - |
| disallowreplication |=. - |
| setreplicas |=. - |
\2. +Searching+ |
| search | CNRead.search() |
| fields |=. - |
\2. +Science Object Operations+ |
| -data- get | MNRead.get() |
| meta | MNRead.getSystemMetadata() |
| create | MNStorage.create() |
| update | MNStorage.update() |
| delete | MNStorage.delete() |
| resolve | CNRead.resolve() |
| list | CNRead.listObjects() |
| log | MNCORE.getLogRecords() |
| setaccess | CNAuthorization.setAccessPolicy() |
| setreplication | CNReplication.setReplicationPolicy() |
```

#5 - 2012-03-03 00:02 - Andrew Pippin

- *Status changed from New to Closed*

Renamed "@get@" command (display session variable) to "@show@".

Renamed "@data@" command to "@get@" to correspond to MNRead.get()/CNRead.get() method call.

#6 - 2012-03-06 17:14 - Andrew Pippin

- *% Done changed from 0 to 100*