

## Issues

| #   | Project        | Tracker | Status   | Priority  | Subject   | Assignee        | Updated          | Category      |
|-----|----------------|---------|----------|-----------|---|-----------------|------------------|---------------|
| 640 | Infrastructure | Story   | Closed   | Low       | Enable monitoring of member node services through the MN_health API.                  | Dave Vieglais   | 2010-10-06 17:51 | d1_monitor    |
| 641 | Infrastructure | Task    | Closed   | Low       | Write MN health API method for monitoring   | Roger Dahl      | 2010-06-21 13:36 | d1_monitor    |
| 642 | Infrastructure | Task    | Closed   | Low       | Create the plugin executable to call the MN health API method                         | Rob Nahf        | 2010-06-23 16:47 | d1_monitor    |
| 643 | Infrastructure | Task    | Closed   | Low       | configure & test Cacti for MN monitoring  | Rob Nahf        | 2010-06-29 16:31 | d1_monitor    |
| 644 | Infrastructure | Task    | Closed   | Low       | create instructions for installing nrpe on nodes to be monitored (CNs)                | Rob Nahf        | 2010-06-09 06:10 | d1_monitor    |
| 645 | Infrastructure | Task    | Closed   | Low       | install and configure nrpe on core nodes  | Dave Vieglais   | 2010-06-14 16:04 | d1_monitor    |
| 659 | Infrastructure | Task    | Closed   | Low       | create LDAP user to enable monitoring via SSH   | Dave Vieglais   | 2010-06-21 17:24 | d1_monitor    |
| 711 | Infrastructure | Task    | Closed   | Low       | create and test xpath.xml file for Dryad objectFormat                                 | Rob Nahf        | 2010-08-02 15:23 | Documentation |
| 712 | Infrastructure | Task    | Closed   | Low       | create and test xpath.xml file for the KNB objectFormat                               | Rob Nahf        | 2010-08-02 15:24 | Documentation |
| 713 | Infrastructure | Task    | Closed   | High      | create a metadata terminology map   | Giri Palanisamy | 2010-10-06 23:44 | Documentation |
| 714 | Infrastructure | Task    | Rejected | Low       | get stand-alone merc indexer to run and produce output                                | Dave Vieglais   | 2011-10-10 17:18 | Documentation |
| 773 | Infrastructure | Task    | Closed   | Normal    | Implement Node Identity creation mechanism for nodeList                               | Robert Waltz    | 2011-03-16 15:39 | d1_cn_service |
| 774 | Infrastructure | Task    | Closed   | Immediate | implement Node Registry lookup for resolve function                                   | Rob Nahf        | 2010-10-21 21:17 | d1_cn_service |
| 775 | Infrastructure | Task    | Rejected | Normal    | more complete tests needed for resolve method   | Robert Waltz    | 2010-10-26 21:03 | d1_cn_service |
| 776 | Infrastructure | Task    | Closed   | High      | documentation needed to explain the system of setting up application contexts         | Robert Waltz    | 2014-10-02 17:33 | d1_cn_service |
| 778 | Infrastructure | Task    | Closed   | High      | refactor proxy.controller.ObjectController - 45+ methods                              | Robert Waltz    | 2011-03-28 16:26 | d1_cn_service |
| 779 | Infrastructure | Task    | Rejected | Normal    | consider refactoring long methods   | Giri Palanisamy | 2010-10-07 16:48 | d1_indexer    |
| 780 | Infrastructure | Task    | Closed   | High      | AbstractProxyServiceImpl.java largely overridden. Still needed?                       | Robert Waltz    | 2011-03-28 16:28 | d1_cn_service |
| 781 | Infrastructure | Task    | Closed   | High      | examine behavior of proxy request mappings  | Robert Waltz    | 2011-03-28 16:31 | d1_cn_service |
| 782 | Infrastructure | Story   | Rejected | Normal    | Code housekeeping: CoordinatingNodeCrud interface not implemented by cn.rest.proxy... |                 | 2011-08-30 02:14 | d1_cn_service |
| 784 | Infrastructure | Task    | Rejected | Low       | Test that Mercury finds the harvested files in their subdirectories                   | Rob Nahf        | 2012-10-16 21:34 | d1_indexer    |
| 808 | Infrastructure | Bug     | Closed   | Normal    | no response from CN REST if wrong Accept-Type by requester                            | Robert Waltz    | 2010-11-02 17:08 | d1_cn_service |
| 809 | Infrastructure | Task    | Closed   | High      | add NodeList description to the documentation   | Rob Nahf        | 2010-09-15 15:43 | Documentation |
| 810 | Infrastructure | Task    | Closed   | Normal    | create NodeList xml example for documentation   | Rob Nahf        | 2010-09-07 04:00 | Documentation |
| 811 | Infrastructure | Task    | Closed   | Normal    | add adjust node attributes type & environment   | Rob Nahf        | 2010-09-07 03:57 | d1_cn_service |
| 812 | Infrastructure | Story   | Closed   | High      | Story: Monitoring dashboard   | Rob Nahf        | 2010-10-06 17:34 | d1_monitor    |
| 813 | Infrastructure | Task    | Closed   | High      | build an MN_sync_stats Cacti Plugin   | Rob Nahf        | 2010-09-14 20:38 | d1_monitor    |
| 814 | Infrastructure | Story   | Rejected | Normal    | Build an MN_replication_stats Cacti Plugin  | Rob Nahf        | 2012-05-30 14:49 | d1_monitor    |
| 815 | Infrastructure | Task    | Closed   | Normal    | Build an MN_replicatiom_stats Cacti Plugin  | Rob Nahf        | 2010-09-01 19:00 | d1_monitor    |

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|------|----------------|---------|----------|-----------|--|---------------|------------------|--------------------|
| 816  | Infrastructure | Task    | Closed   | High      | evaluate monitor plugin for Cacti  | Rob Nahf      | 2010-09-14 20:42 | d1_monitor         |
| 833  | Infrastructure | Task    | Closed   | High      | get remaining nodes set up with dataone_monitor user to enable monitoring              | Rob Nahf      | 2010-10-27 15:37 | d1_monitor         |
| 835  | Infrastructure | Task    | Closed   | High      | modify disk capacity monitoring graph to report back Gb available                      | Rob Nahf      | 2010-09-14 20:45 | d1_monitor         |
| 842  | Infrastructure | Task    | Closed   | High      | cacti setup: remap hosts to DNS and add hosts  | Rob Nahf      | 2010-09-23 18:01 | d1_common_java     |
| 855  | Infrastructure | Task    | Closed   | High      | cacti: rework graph trees for better drill-down  | Rob Nahf      | 2010-09-24 18:01 | d1_common_java     |
| 861  | Infrastructure | Task    | Closed   | High      | rework cacti graphs based on review feedback   | Rob Nahf      | 2010-09-20 20:30 | d1_monitor         |
| 865  | Infrastructure | Bug     | Closed   | High      | buggy mn_sync_stats data template  | Rob Nahf      | 2010-09-17 22:47 | d1_monitor         |
| 872  | Infrastructure | Task    | Closed   | High      | mn health monitoring: rewrite health stats cacti plugin                                | Rob Nahf      | 2010-09-21 20:58 | d1_monitor         |
| 878  | Infrastructure | Task    | Rejected | High      | Refactor mn-health monitoring script to more generalized form                          | Rob Nahf      | 2012-10-16 19:51 | d1_monitor         |
| 879  | Infrastructure | Bug     | Closed   | High      | monitor calls to mn-daac not working   | Roger Dahl    | 2013-01-02 14:17 | mn.Mercury         |
| 885  | Infrastructure | Story   | Closed   | High      | excluding member nodes from ObjectLocationList when MN stops supporting the get method | Dave Vieglais | 2018-01-17 20:50 | Documentation      |
| 888  | Infrastructure | Bug     | Closed   | Normal    | cacti failing to populate data sources - possible db corruption                        | Rob Nahf      | 2010-11-30 21:17 | d1_monitor         |
| 890  | Infrastructure | Task    | Closed   | Immediate | update NodeList Binding XML to reflect new schema                                      | Robert Waltz  | 2010-11-09 18:18 | d1_cn_service      |
| 891  | Infrastructure | Task    | Closed   | High      | schema change procedure  | Dave Vieglais | 2011-01-03 03:03 | Support Operations |
| 922  | Infrastructure | Story   | Closed   | Immediate | Fully implement new ObjectLocationList and NodeList schemas & related artifacts        | Robert Waltz  | 2010-11-09 18:19 | Documentation      |
| 948  | Infrastructure | Bug     | Closed   | Normal    | mule1 index page broken link   |               | 2010-10-06 22:35 | Support Operations |
| 970  | Infrastructure | Task    | Closed   | High      | Implement new ObjectLocationList.java  | Robert Waltz  | 2010-11-09 18:19 | Documentation      |
| 977  | Infrastructure | Feature | Closed   | Low       | ===== backlog bar =====  |               | 2015-01-19 23:10 |                    |
| 987  | Infrastructure | Task    | Closed   | Normal    | find root cause : rebuild the DataSource in cacti                                      | Rob Nahf      | 2010-11-30 21:10 |                    |
| 991  | Infrastructure | Task    | New      | Low       | implement HEAD /resolve/<guid>   |               | 2010-10-13 22:02 |                    |
| 992  | Infrastructure | Task    | Closed   | Immediate | read and parse the nodelist  | Rob Nahf      | 2010-10-12 15:49 |                    |
| 993  | Infrastructure | Task    | Closed   | Immediate | parse sysMD and create OLL   | Rob Nahf      | 2010-10-13 22:01 |                    |
| 994  | Infrastructure | Task    | Closed   | Urgent    | complete error handling and tests for  |               | 2010-10-21 21:15 |                    |
| 995  | Infrastructure | Task    | New      | Normal    | implement JSON formatted OLLs  |               | 2010-10-25 16:45 |                    |
| 1000 | Infrastructure | Bug     | Closed   | High      | objectlocationlist documentation - "node" element collides with "node" object          | Dave Vieglais | 2010-10-23 17:14 | Documentation      |
| 1003 | Infrastructure | Task    | Closed   | Normal    | deploy new resolve for integration and client testing                                  | Rob Nahf      | 2010-10-29 09:13 |                    |
| 1006 | Infrastructure | Story   | Rejected | Normal    | Ensure cn service layer can reserialize responses as JSON and csv                      |               | 2011-11-15 04:16 |                    |
| 1025 | Infrastructure | Story   | Rejected | Low       | cn/resolve preference implementation   |               | 2014-10-02 17:44 | d1_cn_service      |
| 1026 | Infrastructure | Story   | Closed   | Normal    | cn/resolve behavior across different environments                                      |               | 2014-10-02 17:45 | d1_cn_service      |
| 1028 | Infrastructure | Story   | Closed   | Normal    | cn/resolve schema locations  |               | 2010-11-12 17:52 | d1_cn_service      |

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| 1029 | Infrastructure | Bug     | Closed   | Normal   | monitor/object?day call not working   | Roger Dahl   | 2010-11-18 16:08 | d1_mn_GMN         |
| 1031 | Infrastructure | Task    | Closed   | Normal   | a /meta call on private data returns a service failure, instead of file-not-found                                     | Chad Berkley | 2010-11-15 19:56 |                   |
| 1032 | Infrastructure | Task    | Closed   | Normal   | upgrade integration tests (in d1_libclient_java) to adequately test resolve   | Rob Nahf     | 2010-10-29 19:43 | d1_libclient_java |
| 1036 | Infrastructure | Task    | Closed   | Normal   | add url encoding to url string in cn/resolve filter   | Rob Nahf     | 2010-11-11 23:56 |                   |
| 1037 | Infrastructure | Task    | Closed   | Normal   | develop integration tests for the urlencoded OLLs   | Rob Nahf     | 2011-01-10 17:24 |                   |
| 1040 | Infrastructure | Task    | Closed   | Normal   | modify cn/resolve default location for schemas to the local machine   | Rob Nahf     | 2010-11-09 20:41 |                   |
| 1076 | Infrastructure | Bug     | Closed   | Urgent   | mn.create() not encoding PIDs correctly.  | Rob Nahf     | 2011-01-10 17:28 | d1_libclient_java |
| 1077 | Infrastructure | Task    | Closed   | Urgent   | pct-escaping in D1Node.java or MNode.java   | Rob Nahf     | 2010-12-04 00:20 | d1_libclient_java |
| 1078 | Infrastructure | Task    | Closed   | Urgent   | encoding function needed for identifiers in the param section of urls   | Rob Nahf     | 2010-11-15 23:26 |                   |
| 1080 | Infrastructure | Story   | Closed   | Normal   | Arch Docs: Guid guidance - harmonize with RFC3986   |              | 2010-11-20 11:25 |                   |
| 1081 | Infrastructure | Task    | Closed   | Normal   | update examples in documentation  | Rob Nahf     | 2010-11-20 11:24 |                   |
| 1082 | Infrastructure | Task    | Closed   | Normal   | add '+' to the escaped character list in EncodingUtilities  | Rob Nahf     | 2010-11-16 23:45 |                   |
| 1083 | Infrastructure | Story   | Closed   | Normal   | Common unicode test guides for java and python libclients   | Rob Nahf     | 2010-11-30 17:41 |                   |
| 1086 | Infrastructure | Story   | Closed   | Normal   | Create a common test resources location   |              | 2011-05-31 21:18 |                   |
| 1087 | Infrastructure | Task    | Closed   | Normal   | simplify resource hierarchy in d1_integration   | Rob Nahf     | 2010-11-19 00:22 |                   |
| 1088 | Infrastructure | Task    | Closed   | Normal   | refactor d1_integration tests to point to new resource hierarchy  | Rob Nahf     | 2010-11-19 00:24 |                   |
| 1089 | Infrastructure | Task    | Closed   | Normal   | determine resource organization below the new general path (d1_integration/src/test/resources/d1testdocs)             | Rob Nahf     | 2011-01-24 19:30 |                   |
| 1090 | Infrastructure | Story   | Closed   | Normal   | Consolidate common test resources into new shared package   | Rob Nahf     | 2014-10-02 17:35 |                   |
| 1091 | Infrastructure | Task    | Closed   | Normal   | create utf-8 formatted text file for the identifier test cases, refactor unit and integration tests to point to those | Rob Nahf     | 2010-11-18 23:16 |                   |
| 1092 | Infrastructure | Task    | Closed   | Normal   | move the file to the common resource location being defined in #1086  | Rob Nahf     | 2010-11-30 17:41 |                   |
| 1104 | Infrastructure | Task    | Closed   | Normal   | Add decode function to balance encoding ones  | Rob Nahf     | 2010-11-19 09:43 |                   |
| 1108 | Infrastructure | Task    | Closed   | Normal   | add location to classpath   | Rob Nahf     | 2010-11-30 23:07 |                   |
| 1113 | Infrastructure | Bug     | Closed   | Normal   | cn/resolve not compatible with new schema structure   | Rob Nahf     | 2010-11-23 09:46 | d1_cn_service     |
| 1114 | Infrastructure | Task    | Closed   | Normal   | create new test data for the resolve tests  | Rob Nahf     | 2010-11-23 09:38 |                   |
| 1115 | Infrastructure | Task    | Rejected | Normal   | refactor ResolveFilter.java code to produce v0.5.1 objectlocationlists  | Rob Nahf     | 2010-11-23 09:43 |                   |
| 1116 | Infrastructure | Task    | Closed   | Normal   | run unit tests to   | Rob Nahf     | 2010-11-23 09:45 |                   |
| 1120 | Infrastructure | Bug     | Closed   | Urgent   | D1Node.java sendRequest error wrt InputStream   | Chad Berkley | 2010-12-02 16:50 | d1_libclient_java |

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| 1124 | Infrastructure | Task    | Closed   | Normal   | move common test resources to own package under /software/cicore/{trunk/}          | Rob Nahf       | 2011-05-04 16:14 | Documentation     |
| 1125 | Infrastructure | Task    | Closed   | Urgent   | mn.create() returning 400 error for escaped identifiers                            | Chad Berkley   | 2010-12-02 23:35 | d1_libclient_java |
| 1126 | Infrastructure | Bug     | Closed   | Normal   | outdated schema (replaced by dataoneTypes.xsd) still remain in repository trunk    |                | 2010-12-10 18:40 | d1_schemas        |
| 1127 | Infrastructure | Bug     | Rejected | Normal   | trailing slash is significant in cn/object   |                | 2010-12-06 17:02 |                   |
| 1128 | Infrastructure | Task    | Rejected | Normal   | add unit(?) test for trailing slashes in cn service                                | Rob Nahf       | 2010-12-06 17:02 |                   |
| 1141 | Infrastructure | Bug     | Closed   | Urgent   | unicode guid handling in mn.create()   |                | 2017-03-28 17:59 |                   |
| 1142 | Infrastructure | Task    | Rejected | Normal   | address MMP errors for supplementary unicode characters in pids                    | Robert Waltz   | 2016-08-10 20:37 | d1_cn_service     |
| 1143 | Infrastructure | Task    | Closed   | High     | address semi-colon issue   | Rob Nahf       | 2010-12-20 23:10 |                   |
| 1144 | Infrastructure | Bug     | Closed   | Urgent   | /cn/ escaped slash mishandled by server  |                | 2010-12-13 17:33 |                   |
| 1147 | Infrastructure | Story   | Closed   | High     | Apache2 blocks escaped "/" in URL paths, although it should not (longstanding bug) | Dave Vieglaiss | 2011-01-03 02:00 |                   |
| 1148 | Infrastructure | Task    | Closed   | High     | Test that tomcat does not block %2F and %5C in query sections                      | Rob Nahf       | 2010-12-13 17:09 |                   |
| 1161 | Infrastructure | Bug     | Closed   | Normal   | d1client error handling not returning error messages                               | Rob Nahf       | 2010-12-17 20:56 | d1_libclient_java |
| 1184 | Infrastructure | Bug     | Closed   | High     | metacat returning SAXParseException for encoded identifier                         | Rob Nahf       | 2011-01-04 21:21 |                   |
| 1185 | Infrastructure | Bug     | Closed   | Urgent   | escaped '+' in PID double-decoded to space, throwing error for mn.create()         | Chad Berkley   | 2011-01-06 21:30 | Metacat           |
| 1186 | Infrastructure | Bug     | Closed   | High     | double slash still compressed in mn.create()                                       | Chad Berkley   | 2011-01-06 21:30 | Metacat           |
| 1187 | Infrastructure | Task    | Closed   | High     | change D1HttpRequest.getPathInfo method in metacat restservice                     | Chad Berkley   | 2011-01-05 22:23 | Metacat           |
| 1188 | Infrastructure | Bug     | Closed   | Normal   | CNode.resolve() error handling doesn't catch error-xml return                      | Rob Nahf       | 2011-01-10 20:05 | d1_libclient_java |
| 1195 | Infrastructure | Bug     | Closed   | Normal   | CrudService.java error handling problem  | Robert Waltz   | 2011-01-31 17:28 | d1_common_java    |
| 1215 | Infrastructure | Task    | Closed   | Normal   | refactor ResolveFilter to set the statusCode on error situations.                  | Rob Nahf       | 2011-01-10 20:04 | d1_cn_service     |
| 1216 | Infrastructure | Bug     | Closed   | Normal   | the cn app not updating d1_common_java.xxx.jar on cn-dev                           | Robert Waltz   | 2011-01-26 01:28 | d1_cn_service     |
| 1217 | Infrastructure | Bug     | Closed   | Normal   | cn/object not returning objectlist   | Rob Nahf       | 2011-01-12 05:11 | d1_cn_service     |
| 1222 | Infrastructure | Bug     | Closed   | Normal   | d1_libclient_java cleanup - small errors   | Rob Nahf       | 2011-01-14 04:30 | d1_libclient_java |
| 1223 | Infrastructure | Feature | Closed   | Normal   | parameterless listObject methods in d1_libclient_java                              | Rob Nahf       | 2011-01-15 00:00 | d1_libclient_java |
| 1228 | Infrastructure | Task    | Closed   | Normal   | create parameterless listObjects() in D1Node                                       | Rob Nahf       | 2011-01-14 17:18 |                   |
| 1229 | Infrastructure | Task    | Closed   | Normal   | refactor D1Node.sendRequest for consistent returns on errors                       | Rob Nahf       | 2011-01-14 04:29 | d1_libclient_java |
| 1231 | Infrastructure | Task    | Closed   | Normal   | refactor MN.listObjects(...) method to allow no parameters                         | Rob Nahf       | 2011-01-14 23:58 | d1_libclient_java |
| 1239 | Infrastructure | Bug     | Closed   | Normal   | mercury not setting error status on error returns                                  | Robert Waltz   | 2011-01-31 03:05 | d1_mercury        |
| 1240 | Infrastructure | Bug     | Closed   | High     | Exception handling docs not clear about use of http Status codes                   | Dave Vieglaiss | 2011-01-19 18:19 | Documentation     |
| 1245 | Infrastructure | Bug     | Closed   | Normal   | mercury return v0.1 ObjectList   | Robert Waltz   | 2011-01-31 17:22 | d1_mercury        |

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| 1249 | Infrastructure | Task    | Closed   | Normal   | write new create method in d1_libclient_java                             | Rob Nahf     | 2011-01-24 16:58 | d1_libclient_java  |
| 1250 | Infrastructure | Task    | Closed   | Normal   | refactor create servlet to accept the new call                           | Rob Nahf     | 2011-03-02 18:48 | Metacat            |
| 1251 | Infrastructure | Task    | Rejected | Normal   | re-examine cn configuration for request mapping to metacat               |              | 2011-03-01 17:57 | d1_cn_service      |
| 1252 | Infrastructure | Bug     | Closed   | High     | mimemultipart handling is buggy  |              | 2011-02-04 09:03 | Documentation      |
| 1253 | Infrastructure | Bug     | Rejected | Normal   | mimemultipart handling is buggy  |              | 2011-01-24 17:43 |                    |
| 1254 | Infrastructure | Task    | Closed   | Normal   | create client-side library in d1_common_java                             |              | 2011-01-24 18:09 | d1_common_java     |
| 1256 | Infrastructure | Task    | Closed   | Normal   | create libclient method tests  | Rob Nahf     | 2011-01-24 17:59 | d1_libclient_java  |
| 1257 | Infrastructure | Task    | Closed   | Normal   | create server-side implementation in d1_common_java                      | Robert Waltz | 2011-01-28 03:45 | d1_common_java     |
| 1258 | Infrastructure | Task    | Closed   | High     | flesh out unit and integration tests                                     | Rob Nahf     | 2011-02-03 19:07 | d1_libclient_java  |
| 1259 | Infrastructure | Task    | Closed   | Normal   | create integration tests for this  | Rob Nahf     | 2011-03-14 19:05 |                    |
| 1271 | Infrastructure | Story   | Closed   | High     | Refactor d1_libclient_java to work with new MMP handlers                 | Rob Nahf     | 2011-03-14 18:39 | d1_libclient_java  |
| 1272 | Infrastructure | Task    | Closed   | Normal   | create new class for handling all REST calls                             | Rob Nahf     | 2011-01-28 17:21 | d1_libclient_java  |
| 1273 | Infrastructure | Task    | Closed   | Normal   | create new class for assembling and encoding URLs                        | Rob Nahf     | 2011-01-28 17:27 | d1_common_java     |
| 1274 | Infrastructure | Task    | Closed   | Normal   | map existing public methods to new classes.                              | Rob Nahf     | 2011-03-14 18:36 | d1_libclient_java  |
| 1289 | Infrastructure | Task    | Closed   | High     | switch CNode public methods to use new D1RestClient class                | Rob Nahf     | 2011-03-14 18:36 | d1_libclient_java  |
| 1290 | Infrastructure | Task    | Closed   | Normal   | MMP not working for PUT operations                                       |              | 2011-02-04 09:02 | d1_common_java     |
| 1291 | Infrastructure | Task    | Closed   | Normal   | get operations not received by D1 servers                                | Rob Nahf     | 2011-02-03 19:19 |                    |
| 1292 | Infrastructure | Story   | Closed   | Normal   | mercury/solr search upgrade  |              | 2011-11-07 15:15 | Documentation      |
| 1294 | Infrastructure | Bug     | Closed   | High     | update action not reading multipart parameters                           | Chad Berkley | 2011-02-08 19:47 | Metacat            |
| 1300 | Infrastructure | Bug     | Closed   | High     | gmn-dev create expecting 'systemmetadata' part instead of 'sysmeta'      | Roger Dahl   | 2011-02-11 02:43 | d1_mn_GMN          |
| 1301 | Infrastructure | Bug     | Closed   | Normal   | gmn-dev setting content type to text/html, yet returning xml             | Roger Dahl   | 2011-02-16 23:18 | d1_mn_GMN          |
| 1302 | Infrastructure | Bug     | Closed   | Normal   | checksum implementation not to spec on metacat                           |              | 2011-02-07 22:54 | Metacat            |
| 1306 | Infrastructure | Bug     | Closed   | High     | jibx not deserializing gmn-serialized objects                            | Roger Dahl   | 2011-02-09 04:21 | d1_mn_GMN          |
| 1308 | Infrastructure | Bug     | Closed   | Normal   | CRUD service interfaces do not allow InvalidRequest for create or update |              | 2011-05-02 17:09 | d1_common_java     |
| 1325 | Infrastructure | Story   | Rejected | Normal   | java RestClient support non-mmp post                                     |              | 2012-02-08 20:08 | d1_libclient_java  |
| 1326 | Infrastructure | Bug     | Closed   | Normal   | health stats monitor not working for member nodes not using /mn          | Rob Nahf     | 2011-02-09 21:34 | d1_monitor         |
| 1327 | Infrastructure | Bug     | Closed   | Normal   | monitoring failing for cn-ucsb-1 cn-unm-1                                |              | 2011-02-14 23:40 | Support Operations |
| 1328 | Infrastructure | Story   | Rejected | Normal   | health monitor api not implemented on knb-ecoinformatics                 |              | 2011-09-14 11:24 | Metacat            |
| 1350 | Infrastructure | Bug     | Closed   | Normal   | metacat and libclient_java still use 'obsoletedGuid' as a MMP part name  | Rob Nahf     | 2011-03-28 15:04 |                    |
| 1351 | Infrastructure | Task    | Closed   | Normal   | update MNode.java to use obsoletedPid                                    | Rob Nahf     | 2011-03-07 22:44 | d1_libclient_java  |
| 1352 | Infrastructure | Task    | Closed   | Normal   | update metacat to accept MMP name field 'obsoletedPid'                   | Rob Nahf     | 2011-04-05 22:09 | Metacat            |

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| 1381 | Infrastructure | Story   | Closed   | High     | Enforce checksum verification   |              | 2011-06-06 17:06 |                |
| 1382 | Infrastructure | Story   | Closed   | Normal   | review demo set up issue (synch / replication timing)   |              | 2013-04-26 15:42 |                |
| 1383 | Infrastructure | Story   | Rejected | Normal   | removing the 1MN to 1CN synchronization restriction   |              | 2011-03-22 17:58 |                |
| 1384 | Infrastructure | Story   | Rejected | Normal   | removing the objectFormat enumeration from types schema   |              | 2011-05-31 13:46 |                |
| 1385 | Infrastructure | Bug     | Rejected | Normal   | metacat newline   |              | 2011-03-01 16:58 |                |
| 1386 | Infrastructure | Story   | Closed   | Normal   | Generation of SOLR index for Mercury  | Dave Viegla  | 2017-09-05 16:26 | d1_indexer     |
| 1387 | Infrastructure | Story   | Closed   | Normal   | packaging GMN as standalone MN  | Roger Dahl   | 2011-05-04 13:58 |                |
| 1388 | Infrastructure | Story   | Closed   | Normal   | implement MN-MN replication manager in CN stack   | Chris Jones  | 2011-10-10 16:38 | d1_replication |
| 1389 | Infrastructure | Story   | Closed   | Normal   | version tagging of all libs and apps.   |              | 2012-01-06 03:35 |                |
| 1402 | Infrastructure | Task    | Closed   | Normal   | conflicting documentation about location of pid parameter in mn.create()                            | Dave Viegla  | 2011-03-22 13:49 | Documentation  |
| 1403 | Infrastructure | Story   | Closed   | Normal   | case insensitive parameter support in MultipartRequestResolver                                      | Rob Nahf     | 2011-05-31 14:22 | d1_common_java |
| 1405 | Infrastructure | Task    | Closed   | Normal   | Infrastructure monitoring: add \$VERSION to scripts, etc.   | Rob Nahf     | 2011-11-17 17:35 |                |
| 1436 | Infrastructure | Bug     | Closed   | Normal   | sysmeta objects returned by object call   | Robert Waltz | 2011-05-23 17:37 | Metacat        |
| 1465 | Infrastructure | Bug     | Closed   | Normal   | mn update documentation not clear with regard to the 2 pids   | Dave Viegla  | 2011-11-03 19:49 | Documentation  |
| 1492 | Infrastructure | Story   | Closed   | Normal   | SimpleMultipartEntity addFilePart methods signatures are confusing                                  | Rob Nahf     | 2011-05-02 16:00 | d1_common_java |
| 1497 | Infrastructure | Task    | Closed   | Normal   | change method signature in d1_common_java   | Rob Nahf     | 2011-05-02 16:00 |                |
| 1498 | Infrastructure | Task    | Closed   | Normal   | update d1_libclient_java  | Rob Nahf     | 2011-05-02 16:00 |                |
| 1499 | Infrastructure | Task    | Closed   | Normal   | review metacat handlers to remove case-standardizing logic and ensure proper case-sensitive mapping | Rob Nahf     | 2011-04-25 16:41 |                |
| 1500 | Infrastructure | Task    | Closed   | Normal   | review arch docs to make sure parameters follow the same format (camelText)                         | Dave Viegla  | 2011-05-31 14:21 |                |
| 1501 | Infrastructure | Bug     | Closed   | Normal   | d1_integration hudson failure wrt object format   | Chris Jones  | 2011-05-04 16:32 |                |
| 1507 | Infrastructure | Task    | Rejected | Normal   | refactor MetacatRestClient.sendData to match current dataone spec (mime multipart)                  | Rob Nahf     | 2011-05-02 16:10 |                |
| 1512 | Infrastructure | Task    | Closed   | Normal   | update the d1_common_java interfaces  | Rob Nahf     | 2011-05-02 16:01 |                |
| 1513 | Infrastructure | Task    | Closed   | Normal   | refactor d1_libclient_java to accomodate the new exception  | Rob Nahf     | 2011-05-02 15:57 |                |
| 1523 | Infrastructure | Task    | Closed   | Normal   | uncomment changes when Hudson deployment solution implemented                                       | Rob Nahf     | 2011-05-31 21:16 |                |
| 1524 | Infrastructure | Task    | Closed   | Normal   | setup d1_test_resources on Hudson...  | Dave Viegla  | 2011-05-23 20:51 |                |
| 1566 | Infrastructure | Support | Closed   | Normal   | member node web testing   | Rob Nahf     | 2011-08-30 16:59 | d1_integration |
| 1567 | Infrastructure | Task    | Rejected | Normal   | re-implement test running servlet to generalize solution for all types of xUnit tests               | Rob Nahf     | 2011-05-27 19:48 |                |
| 1568 | Infrastructure | Task    | Closed   | Normal   | implement the response format from wstest package (results.html)                                    | Rob Nahf     | 2011-05-27 19:44 | d1_integration |

| #    | Project        | Tracker | Status   | Priority | Subject   | Assignee        | Updated          | Category                      |
|------|----------------|---------|----------|----------|---|-----------------|------------------|-------------------------------|
| 1569 | Infrastructure | Task    | Closed   | Normal   | document the testing strategy and design  | Rob Nahf        | 2011-05-24 21:13 | d1_integration                |
| 1570 | Infrastructure | Task    | Closed   | Normal   | refactor existing java tests to accept System parameters passed in from the servlet | Rob Nahf        | 2011-08-16 18:16 | d1_integration                |
| 1571 | Infrastructure | Task    | Rejected | Normal   | move all existing java tests to src/main/java                                       | Rob Nahf        | 2011-05-27 19:39 | d1_integration                |
| 1572 | Infrastructure | Task    | Rejected | Normal   | implement new Hudson call to run tests once tests are in main.                      |                 | 2011-05-27 19:45 |                               |
| 1576 | Infrastructure | Task    | Closed   | Normal   | create "buildout" mechanism for the webTesting servlet.                             | Rob Nahf        | 2011-05-23 17:52 |                               |
| 1585 | Infrastructure | Task    | New      | Low      | add exec-maven-plugin to trigger python integration tests at verify phase.          | Rob Nahf        | 2012-10-16 21:32 |                               |
| 1605 | Infrastructure | Feature | Closed   | Normal   | update implementations of 0.6.2 interfaces  |                 | 2011-08-30 01:19 | Documentation                 |
| 1606 | Infrastructure | Task    | Closed   | Normal   | implement 0.6.2 interfaces in d1_libclient_java (D1Node, MNode, CNode)              | Rob Nahf        | 2011-08-16 18:13 | d1_libclient_java             |
| 1607 | Infrastructure | Task    | Closed   | Normal   | implement 0.6.2 interfaces in metacat   | Chris Jones     | 2011-08-24 15:42 | Metacat                       |
| 1608 | Infrastructure | Task    | Closed   | Normal   | implement 0.6.2 interfaces in d1_libclient_python                                   | Roger Dahl      | 2011-08-26 15:24 | d1_libclient_python           |
| 1609 | Infrastructure | Task    | Closed   | Normal   | make use of 0.6.2 interfaces in cn package (if necessary)                           | Robert Waltz    | 2011-06-21 15:04 | d1_cn_service                 |
| 1615 | Infrastructure | Feature | Closed   | Normal   | review integration test coverage vis a vis new tiered interfaces                    | Nicholas Dexter | 2011-06-07 17:19 |                               |
| 1617 | Infrastructure | Bug     | Closed   | Normal   | misplaced D1Client.getCN() in MNode constructor                                     | Rob Nahf        | 2011-06-27 16:22 |                               |
| 1618 | Infrastructure | Bug     | Closed   | High     | mn.getCapabilities returns NodeList, but more appropriate to return Node            | Dave Vieglais   | 2011-06-03 00:12 | Documentation                 |
| 1625 | Infrastructure | Bug     | Rejected | Normal   | MN.getOperationStatistics examples out of date                                      | Dave Vieglais   | 2011-09-14 11:23 | Documentation                 |
| 1645 | Infrastructure | Story   | Closed   | High     | remove enumeration restriction on environment data type                             | Rob Nahf        | 2011-08-30 01:42 | d1_schemas                    |
| 1655 | Infrastructure | Bug     | Closed   | Normal   | multipart classes not cleaning up temp files  | Rob Nahf        | 2011-07-01 22:01 | d1_common_java                |
| 1662 | Infrastructure | Story   | Closed   | Normal   | SystemMetadata datatype to contain ObjectFormatIdentifier instead of ObjectFormat   | Matthew Jones   | 2011-09-02 18:18 | d1_schemas                    |
| 1663 | Infrastructure | Task    | Closed   | Normal   | update ExampleUtilities methods for building SMD                                    | Rob Nahf        | 2011-08-31 18:03 | d1_integration                |
| 1665 | Infrastructure | Bug     | Closed   | Normal   | MN Tier1 api documentation changes and implementation verification                  | Rob Nahf        | 2011-10-25 18:56 | Documentation                 |
| 1667 | Infrastructure | Bug     | Closed   | Normal   | Service methods using Sessions (certs) need to throw InvalidToken                   | Rob Nahf        | 2012-02-13 18:24 | Documentation                 |
| 1668 | Infrastructure | Task    | Closed   | Normal   | check documentation for missing InvalidToken exceptions                             |                 | 2012-01-31 17:59 | Documentation                 |
| 1669 | Infrastructure | Task    | Closed   | Normal   | update java interfaces and client implementations                                   | Rob Nahf        | 2012-01-23 19:23 | d1_common_java                |
| 1670 | Infrastructure | Task    | Closed   | Normal   | update python implementations related to missing InvalidToken exceptions            | Roger Dahl      | 2012-02-13 18:11 | d1_common_python              |
| 1691 | Infrastructure | Bug     | Closed   | Normal   | boolean serialization conflict in design docs                                       | Dave Vieglais   | 2011-07-28 21:47 | Documentation                 |
| 1696 | Infrastructure | Bug     | Closed   | Normal   | reference to CN_crud.reservedIdentifier() in docs                                   | Rob Nahf        | 2011-10-25 16:32 | Documentation                 |
| 1698 | Infrastructure | Story   | Closed   | Normal   | support for test and system certificates  | Matthew Jones   | 2012-02-08 22:35 | Authentication, Authorization |

| #    | Project        | Tracker | Status   | Priority | Subject  | Assignee       | Updated          | Category                      |
|------|----------------|---------|----------|----------|--|----------------|------------------|-------------------------------|
| 1699 | Infrastructure | Task    | Rejected | Normal   | elaborate d1_certificate_manager package for creating self-signed certificates | Rob Nahf       | 2012-02-08 22:34 | Authentication, Authorization |
| 1700 | Infrastructure | Task    | Rejected | Normal   | refactor d1_libclient_java to support use of multiple certificates             | Rob Nahf       | 2012-02-08 22:29 | d1_libclient_java             |
| 1763 | Infrastructure | Bug     | Closed   | Normal   | knb-test-1: getCapabilities returns 0.6.3 Node object instead of 0.6.4         | Ben Leinfelder | 2011-09-14 16:17 | Metacat                       |
| 1768 | Infrastructure | Bug     | Closed   | Normal   | knb-test-1: synchronizationFailed returning ServiceFailure                     | Ben Leinfelder | 2011-09-06 18:56 | Metacat                       |
| 1770 | Infrastructure | Bug     | Closed   | Normal   | gmh getLogRecord not accepting escaped '+'                                     | Roger Dahl     | 2011-09-09 03:39 | d1_mn_GMN                     |
| 1771 | Infrastructure | Bug     | Closed   | Normal   | gmh-dev getOperationStatistics() is returning NotAuthorized                    | Roger Dahl     | 2011-09-04 16:57 | d1_mn_GMN                     |
| 1772 | Infrastructure | Bug     | Closed   | Normal   | gmh-dev getCapabilities() returning file not found                             | Roger Dahl     | 2011-09-04 16:47 | d1_mn_GMN                     |
| 1798 | Infrastructure | Bug     | Closed   | Normal   | synchronization failed returns ServiceFailure on knb-test-1                    | Ben Leinfelder | 2011-09-22 23:11 | Environment.Development       |
| 1799 | Infrastructure | Bug     | Closed   | Normal   | describe returning code 401 - Authentication Error                             | Ben Leinfelder | 2011-09-22 21:24 | Environment.Development       |
| 1800 | Infrastructure | Bug     | Closed   | Normal   | getCapabilities returning NodeList instead of Node object on knb-test-1        | Ben Leinfelder | 2011-09-22 21:23 | Metacat                       |
| 1801 | Infrastructure | Bug     | Closed   | Normal   | describe() not returning any dataone-specific fields on gmh-dev                | Roger Dahl     | 2011-11-07 17:59 | d1_mn_GMN                     |
| 1802 | Infrastructure | Bug     | Closed   | Normal   | getChecksum returning ServiceFailure on gmh-dev                                | Roger Dahl     | 2011-10-31 17:19 | d1_mn_GMN                     |
| 1803 | Infrastructure | Bug     | Closed   | Normal   | synchronizationFailed returning NotAuthorized on gmh-dev                       | Roger Dahl     | 2011-09-28 03:18 | d1_mn_GMN                     |
| 1847 | Infrastructure | Support | Closed   | Normal   | enable stack trace viewing from mnWebTester                                    | Rob Nahf       | 2011-10-12 16:14 |                               |
| 1852 | Infrastructure | Task    | Closed   | Normal   | implement search(SolrQuery) method in CNode                                    | Rob Nahf       | 2011-10-13 16:14 | d1_libclient_java             |
| 1853 | Infrastructure | Task    | Closed   | Normal   | create convenience methods for search  | Rob Nahf       | 2011-10-13 22:48 | d1_libclient_java             |
| 1854 | Infrastructure | Task    | Closed   | Normal   | create getFields() method for accessing Solr fields                            | Rob Nahf       | 2011-10-13 22:48 | d1_libclient_java             |
| 1862 | Infrastructure | Task    | Closed   | Normal   | tie in solr search methods into the CN service API search method               | Rob Nahf       | 2011-10-17 17:10 |                               |
| 1885 | Infrastructure | Task    | Closed   | Normal   | refactor d1_libclient_java to add version path segment to MN api calls.        |                | 2011-10-24 20:04 |                               |
| 1886 | Infrastructure | Task    | Closed   | Normal   | update MNWebTester deployment with libclient changes                           |                | 2011-10-24 20:06 |                               |
| 1887 | Infrastructure | Task    | Closed   | Normal   | update MethodCrossReferenc.xls in docs   | Rob Nahf       | 2011-10-25 16:32 |                               |
| 1891 | Infrastructure | Task    | Closed   | Normal   | update MethodCrossReference.xls in docs  | Rob Nahf       | 2011-10-24 22:08 |                               |
| 1892 | Infrastructure | Task    | Rejected | Normal   | decide acceptable exceptions thrown by ping()                                  |                | 2011-10-24 22:16 |                               |
| 1893 | Infrastructure | Bug     | Closed   | Normal   | formatid label in documentation not uniform                                    |                | 2012-01-12 14:45 |                               |
| 1894 | Infrastructure | Task    | Closed   | Normal   | replace fmtid in methodCrossReference in the docs                              | Rob Nahf       | 2011-10-26 22:37 | Documentation                 |
| 1895 | Infrastructure | Task    | Closed   | Normal   | replace fmtid in d1_common_java method definitions with formatid               | Rob Nahf       | 2011-10-25 22:30 | d1_libclient_java             |
| 1896 | Infrastructure | Task    | Closed   | Normal   | replace fmtid with formatid in common_python, libclient_python                 | Roger Dahl     | 2011-11-04 15:18 | d1_common_python              |
| 1897 | Infrastructure | Task    | Closed   | Normal   | change MMP parameter name from object_format to formatid                       | Roger Dahl     | 2011-12-19 18:15 |                               |
| 1899 | Infrastructure | Story   | Closed   | High     | Integration Testing: test for correct response to invalid input                | Rob Nahf       | 2013-01-02 15:57 | d1_integration                |
| 1901 | Infrastructure | Story   | Closed   | High     | Integration testing: unicode support (identifiers)                             |                | 2013-01-02 15:47 |                               |

| #    | Project        | Tracker | Status   | Priority | Subject   | Assignee       | Updated          | Category          |
|------|----------------|---------|----------|----------|---|----------------|------------------|-------------------|
| 1902 | Infrastructure | Story   | Closed   | High     | Integration Testing: New Tests  |                | 2014-10-01 23:11 |                   |
| 1903 | Infrastructure | Task    | Closed   | Normal   | review CN api tests   | Rob Nahf       | 2012-06-15 16:30 | d1_integration    |
| 1904 | Infrastructure | Task    | Closed   | Normal   | mn.describe() should now return a header parameter called DataONE-formatid, instead of DataONE-fmtid. | Ben Leinfelder | 2011-11-23 19:38 | Metacat           |
| 1905 | Infrastructure | Task    | Closed   | Normal   | mn.describe() should now return a header parameter called DataONE-formatid, instead of DataONE-fmtid. | Roger Dahl     | 2011-11-08 16:59 | d1_mn_GMN         |
| 1935 | Infrastructure | Task    | Closed   | Normal   | URL query parameter names a mix of camelCase and all lowercase in docs                                | Dave Viegla    | 2011-12-12 23:51 | Documentation     |
| 1947 | Infrastructure | Support | Closed   | Normal   | deploy MNWebTester for v1.0.0   | Rob Nahf       | 2011-12-19 17:27 | d1_integration    |
| 1948 | Infrastructure | Task    | Closed   | Normal   | manually deploy and new 1.0.0 MNWebTester   | Rob Nahf       | 2011-10-28 16:43 |                   |
| 1949 | Infrastructure | Task    | Closed   | Normal   | create "index" MNWebTester page for getting to multiple test versions                                 | Skye Roseboom  | 2011-11-15 19:58 | d1_integration    |
| 1950 | Infrastructure | Task    | Rejected | Normal   | add method to get version & revision from selected webapp dependencies                                | Rob Nahf       | 2011-11-28 17:59 |                   |
| 1951 | Infrastructure | Task    | Closed   | Normal   | refactor MNWebTester index page(s) to display version and release info                                | Skye Roseboom  | 2011-11-15 21:20 | d1_integration    |
| 1958 | Infrastructure | Story   | Closed   | Normal   | Devise tests for FUSE client  | Dave Viegla    | 2014-10-02 17:45 |                   |
| 2006 | Infrastructure | Task    | Closed   | Normal   | update MN service api wrt documentation updates   | Rob Nahf       | 2011-11-07 17:35 | d1_common_java    |
| 2007 | Infrastructure | Task    | Closed   | Normal   | update libclient MNode methods  | Rob Nahf       | 2011-11-07 17:37 | d1_libclient_java |
| 2009 | Infrastructure | Story   | Closed   | Normal   | update CN api   | Rob Nahf       | 2011-11-08 23:00 | d1_common_java    |
| 2010 | Infrastructure | Task    | Closed   | Normal   | update the libclient  | Rob Nahf       | 2011-11-08 23:10 | d1_libclient_java |
| 2011 | Infrastructure | Task    | Closed   | Normal   | add version info to d1_libclient_java and d1_common_java  | Rob Nahf       | 2011-11-09 21:54 |                   |
| 2020 | Infrastructure | Story   | Rejected | Normal   | InvalidToken & InvalidCredentials are redundant   | Dave Viegla    | 2012-02-08 20:45 | Documentation     |
| 2021 | Infrastructure | Task    | Closed   | Normal   | some methods take session object but don't throw InvalidToken   | Dave Viegla    | 2011-12-12 23:59 | Documentation     |
| 2022 | Infrastructure | Task    | Closed   | Normal   | duplicate NotImplemented exception for listObjects methods  | Rob Nahf       | 2011-12-09 21:22 |                   |
| 2023 | Infrastructure | Task    | Closed   | Normal   | InsufficientResources usage   | Dave Viegla    | 2011-12-13 00:19 | Documentation     |
| 2024 | Infrastructure | Task    | Closed   | Normal   | consider renaming getChecksumAlgorithms to listChecksumAlgorithms                                     | Dave Viegla    | 2011-12-13 00:27 | Documentation     |
| 2059 | Infrastructure | Task    | Closed   | Normal   | need Replica to be top-level object so it can be serialized   | Matthew Jones  | 2011-12-01 21:54 | d1_schemas        |
| 2061 | Infrastructure | Task    | Closed   | Normal   | need ReplicationPolicy to be a top-level structure for java serialization                             | Matthew Jones  | 2011-12-01 21:54 | d1_schemas        |
| 2062 | Infrastructure | Task    | Closed   | Normal   | test access via group membership  | Rob Nahf       | 2012-01-31 17:53 |                   |
| 2063 | Infrastructure | Task    | Closed   | Normal   | add expired certificate "testUser"  | Rob Nahf       | 2012-01-24 17:44 | d1_integration    |
| 2064 | Infrastructure | Story   | Closed   | Normal   | integration testing client vs architecture  | Rob Nahf       | 2012-02-07 23:47 | d1_integration    |
| 2065 | Infrastructure | Task    | Closed   | Normal   | create parser for MethodCrossReference  | Rob Nahf       | 2011-12-01 17:14 |                   |

| #    | Project        | Tracker | Status   | Priority | Subject   | Assignee      | Updated          | Category            |
|------|----------------|---------|----------|----------|---|---------------|------------------|---------------------|
| 2066 | Infrastructure | Task    | Closed   | Normal   | create test for looping through all API methods and invoking them               | Rob Nahf      | 2011-11-28 23:33 | d1_integration      |
| 2073 | Infrastructure | Task    | Closed   | Normal   | create tests for exception handling   | Rob Nahf      | 2011-12-06 17:10 |                     |
| 2074 | Infrastructure | Task    | Closed   | Normal   | test that number of parameters agree between documentation and implementation.  | Rob Nahf      | 2011-12-06 17:10 |                     |
| 2085 | Infrastructure | Task    | Closed   | Normal   | test that number of documented api methods equals number of implemented methods | Rob Nahf      | 2011-12-05 00:19 |                     |
| 2094 | Infrastructure | Task    | Closed   | Normal   | need ChecksumAlgorithmList datatype for getChecksumAlgorithms() method          | Chris Jones   | 2011-12-12 22:37 | d1_schemas          |
| 2095 | Infrastructure | Task    | Closed   | Normal   | django echo service doesn't handle PUT files                                    | Dave Vieglais | 2012-02-07 23:45 |                     |
| 2118 | Infrastructure | Story   | Closed   | Normal   | add getPendingMapIdentity to the architecture docs                              | Dave Vieglais | 2012-01-11 02:17 | Documentation       |
| 2127 | Infrastructure | Task    | Closed   | Normal   | correct bugs and inconsistencies  | Rob Nahf      | 2011-12-12 17:07 | d1_libclient_java   |
| 2128 | Infrastructure | Bug     | Closed   | Normal   | cannot pass serialized exceptions to HEAD requests                              | Dave Vieglais | 2011-12-13 04:13 | Documentation       |
| 2129 | Infrastructure | Task    | Closed   | Normal   | modify ExceptionHandler to handle HEAD exceptions                               | Rob Nahf      | 2011-12-09 19:32 | d1_common_java      |
| 2132 | Infrastructure | Task    | Rejected | Normal   | create CNCNReplicationIT  |               | 2011-12-12 21:14 |                     |
| 2144 | Infrastructure | Task    | Closed   | Normal   | exception service does not return VersionMismatch                               | Roger Dahl    | 2012-01-10 05:26 | d1_common_python    |
| 2146 | Infrastructure | Bug     | Closed   | Normal   | submitter description in docs confusing   | Matthew Jones | 2012-01-06 04:32 | Documentation       |
| 2158 | Infrastructure | Story   | Closed   | Normal   | remove assertRelation from v1 API   | Rob Nahf      | 2012-01-13 15:57 | Documentation       |
| 2159 | Infrastructure | Task    | Closed   | Normal   | remove assertRelation method from d1_common_java interface                      | Rob Nahf      | 2012-01-03 18:37 | d1_common_java      |
| 2160 | Infrastructure | Task    | Closed   | Normal   | remove assertRelation method from d1_libclient_java interface                   | Rob Nahf      | 2012-01-03 18:37 | d1_libclient_java   |
| 2161 | Infrastructure | Task    | Closed   | Normal   | remove assertRelation method from d1_libclient_python interface                 | Roger Dahl    | 2012-01-10 05:24 | d1_libclient_python |
| 2162 | Infrastructure | Task    | Closed   | Normal   | remove assertRelation method from d1_common_python interface                    | Roger Dahl    | 2012-01-10 05:23 | d1_common_python    |
| 2163 | Infrastructure | Story   | Closed   | Normal   | cn.search() what exception thrown when queryType not recognized?                | Dave Vieglais | 2014-10-02 17:10 | d1_integration      |
| 2164 | Infrastructure | Task    | Closed   | Normal   | remove UnsupportedQueryType from d1_common_java                                 | Rob Nahf      | 2012-02-27 17:07 | d1_common_java      |
| 2165 | Infrastructure | Task    | Closed   | Normal   | remove assertRelation from documentation  | Rob Nahf      | 2012-01-03 18:43 |                     |
| 2191 | Infrastructure | Story   | Closed   | Normal   | API refactoring / refinement  | Dave Vieglais | 2018-01-17 20:40 | Documentation       |
| 2193 | Infrastructure | Task    | Closed   | Normal   | remove VersionMismatch exception from setReplicationStatus                      | Rob Nahf      | 2012-01-17 22:56 | Documentation       |
| 2194 | Infrastructure | Task    | Closed   | Normal   | remove VersionMismatch exception from setReplicationStatus-python impl          | Roger Dahl    | 2012-01-18 05:06 | d1_libclient_python |
| 2195 | Infrastructure | Task    | Closed   | Normal   | update method description for updateReplicateMetadata                           | Rob Nahf      | 2012-01-10 20:11 | Documentation       |
| 2196 | Infrastructure | Task    | Closed   | Normal   | update method description for updateNodeCapabilities                            | Rob Nahf      | 2012-01-10 20:11 | Documentation       |
| 2197 | Infrastructure | Task    | Closed   | Normal   | add updateObsoletedBy method  | Dave Vieglais | 2012-01-13 15:55 | Documentation       |
| 2198 | Infrastructure | Task    | Closed   | Normal   | add deleteReplica method  | Dave Vieglais | 2012-01-12 14:39 | Documentation       |

| #    | Project        | Tracker | Status   | Priority | Subject   | Assignee       | Updated          | Category            |
|------|----------------|---------|----------|----------|---|----------------|------------------|---------------------|
| 2199 | Infrastructure | Task    | Rejected | Normal   | add new methods to java service API   | Rob Nahf       | 2012-01-17 18:17 | d1_libclient_java   |
| 2200 | Infrastructure | Task    | Closed   | Low      | add new methods to python service API   | Roger Dahl     | 2012-05-30 21:20 | d1_libclient_python |
| 2234 | Infrastructure | Task    | Closed   | Normal   | ensure that all content input streams are consumed  | Rob Nahf       | 2012-01-19 17:08 | d1_libclient_java   |
| 2235 | Infrastructure | Task    | Closed   | Normal   | add method to D1RestClient that allows caller to close the connection   | Rob Nahf       | 2012-01-19 17:11 | d1_libclient_java   |
| 2236 | Infrastructure | Task    | Closed   | Normal   | refactor client methods to explicitly close the connection after consuming content  | Rob Nahf       | 2012-01-19 17:12 | d1_libclient_java   |
| 2237 | Infrastructure | Task    | Closed   | Normal   | refactor get() and getReplica() to buffer the input stream to allow connection close  | Rob Nahf       | 2012-01-19 19:39 | d1_libclient_java   |
| 2238 | Infrastructure | Bug     | Closed   | Normal   | deleteReplicationMetadata REST endpoint conflict  | Dave Viegla    | 2012-02-06 23:57 | d1_common_java      |
| 2239 | Infrastructure | Task    | Closed   | Normal   | update Constant for deleteReplMeta  | Rob Nahf       | 2012-01-19 22:28 | d1_common_java      |
| 2240 | Infrastructure | Task    | Closed   | Normal   | check cn service wrt REST endpoint mapping  | Robert Waltz   | 2012-01-31 17:58 | d1_cn_service       |
| 2241 | Infrastructure | Task    | Closed   | Normal   | check metacat wrt endpoint change   | Ben Leinfelder | 2012-01-19 18:55 | Metacat             |
| 2246 | Java Client    | Story   | Closed   | Normal   | refactor libclient_java connection management   | Rob Nahf       | 2015-08-04 18:42 | d1_libclient_java   |
| 2253 | Java Client    | Story   | Rejected | Normal   | refactor libclient_java communication to enable unit testing via mock client  | Rob Nahf       | 2018-01-17 20:39 | d1_libclient_java   |
| 2256 | Infrastructure | Task    | Closed   | Normal   | test access via mapped identity   | Rob Nahf       | 2012-01-31 17:53 | d1_integration      |
| 2258 | Infrastructure | Task    | Closed   | Normal   | add test certificates to represent MNodes and CNodes  | Rob Nahf       | 2012-04-23 16:50 |                     |
| 2271 | Infrastructure | Task    | Closed   | Normal   | refactor test object procurement methods to work with pre-populated test objects.   | Rob Nahf       | 2012-02-13 23:17 |                     |
| 2273 | Infrastructure | Bug     | Closed   | Normal   | documentation errors - return types   | Dave Viegla    | 2012-02-01 11:40 | Documentation       |
| 2274 | Infrastructure | Task    | Rejected | Urgent   | refactor cn.listSubjects to return SubjectList (as documented)  | Rob Nahf       | 2012-01-31 22:07 | d1_libclient_java   |
| 2275 | Infrastructure | Task    | Closed   | Normal   | run architecture tests  | Rob Nahf       | 2012-02-07 23:45 | d1_integration      |
| 2276 | Infrastructure | Task    | Closed   | Normal   | update MethodCrossReference.xls in docs   |                | 2012-02-01 11:40 |                     |
| 2287 | Infrastructure | Task    | Closed   | Normal   | ObjectList.sizeObjectInfoList() can throw null pointer  | Robert Waltz   | 2012-02-10 02:02 | d1_common_java      |
| 2312 | Infrastructure | Task    | Closed   | Urgent   | minor refactor of ObjectFormatCache for better stability  | Rob Nahf       | 2012-02-11 02:28 | d1_libclient_java   |
| 2320 | Infrastructure | Task    | Closed   | Normal   | bring DataoneEMLParser up to date with regards to change of ObjectFormat into a complex type and replacement with ObjectFormatIdentifier. | Rob Nahf       | 2012-02-11 02:34 |                     |
| 2321 | Infrastructure | Task    | Closed   | Normal   | reimplement D1Object.setPublicAccess to call cn.setAccessPolicy instead of mn.setAccessPolicy.  | Rob Nahf       | 2012-02-11 02:31 |                     |
| 2328 | Infrastructure | Task    | Closed   | Normal   | refactor authorization tests according to testing design  | Rob Nahf       | 2012-02-24 17:57 | d1_integration      |
| 2350 | Infrastructure | Bug     | Closed   | High     | Invalid Token thrown in session.py when looking for Person object for certificate   | Roger Dahl     | 2012-04-23 16:29 | d1_mn_GMN           |
| 2369 | Infrastructure | Bug     | Rejected | Normal   | metacat mn.isAuthorized() not checking the rightsHolder field?  | Chris Jones    | 2012-02-27 18:16 | Metacat             |

| #    | Project        | Tracker | Status      | Priority | Subject  | Assignee       | Updated          | Category                |
|------|----------------|---------|-------------|----------|--|----------------|------------------|-------------------------|
| 2388 | Infrastructure | Bug     | Closed      | Normal   | isAuthorized() not throwing InvalidRequest when bad permission passed in             | Ben Leinfelder | 2012-02-24 17:46 | Metacat                 |
| 2411 | Infrastructure | Bug     | In Progress | Normal   | knb MNs and CNs allow self-signed certificates to connect                            | Chris Jones    | 2014-10-01 22:22 | Environment.Development |
| 2419 | Infrastructure | Bug     | Rejected    | Normal   | cn.describe() throwing NPE when content-length not set                               | Rob Nahf       | 2012-03-19 15:56 | d1_libclient_java       |
| 2420 | Infrastructure | Bug     | Rejected    | Normal   | DEV cn's fails to get object from listObjects  |                | 2012-03-16 02:24 |                         |
| 2421 | Infrastructure | Bug     | Rejected    | Normal   | cn.generateID doesn't support 'DOI' scheme?  | Matthew Jones  | 2012-03-01 14:18 | d1_cn_service           |
| 2422 | Infrastructure | Bug     | Closed      | Normal   | cn.listchecksumAlgorithms() returning NotFound                                       | Ben Leinfelder | 2012-03-01 22:21 | Metacat                 |
| 2423 | Infrastructure | Bug     | Closed      | Normal   | cn.resolve() chokes on bad nodeIdentifiers   | Robert Waltz   | 2012-03-02 06:59 | d1_cn_service           |
| 2429 | Infrastructure | Bug     | Closed      | Normal   | knb mn's failing certain authorization tests   | Chris Jones    | 2012-03-13 20:03 | Metacat                 |
| 2430 | Infrastructure | Task    | Closed      | Normal   | equivIDs of the rightsHolder getting NotAuthorized exceptions                        | Chris Jones    | 2012-03-13 19:50 | Metacat                 |
| 2431 | Infrastructure | Task    | Closed      | Normal   | Session object with invalid subjectInfo xml  | Ben Leinfelder | 2012-03-05 20:33 |                         |
| 2432 | Infrastructure | Task    | Closed      | Normal   | knb not handling verified flag properly  | Ben Leinfelder | 2012-03-13 19:48 | Metacat                 |
| 2447 | Infrastructure | Bug     | Closed      | Urgent   | url-escaped identifier values in ObjectLists / resolve failures                      | Rob Nahf       | 2012-03-09 19:47 | Environment.Development |
| 2449 | Infrastructure | Bug     | Closed      | Normal   | knb unicode identifier create and get failures                                       |                | 2012-03-09 19:35 |                         |
| 2451 | Infrastructure | Task    | Closed      | Normal   | trailing backslash in url rejected by knb web server                                 | Ben Leinfelder | 2012-03-09 00:01 |                         |
| 2453 | Infrastructure | Task    | Closed      | Normal   | '+' in urls being converted to space (or possibly stripped) by service               |                | 2012-03-09 17:39 |                         |
| 2454 | Infrastructure | Task    | Closed      | Normal   | escaped '/' characters are being decoded by web server prior to hitting the servlet  |                | 2012-03-09 15:33 |                         |
| 2455 | Infrastructure | Task    | Rejected    | Normal   | identifiers with supplementary unicode characters not mn.create()                    | Robert Waltz   | 2012-03-09 18:31 | d1_common_java          |
| 2456 | Infrastructure | Task    | Closed      | Low      | /cn/objectList.v1.xsl displays object slice wrong                                    | Ben Leinfelder | 2012-03-08 05:20 |                         |
| 2457 | Infrastructure | Bug     | Closed      | High     | client cn.resolve() follows the redirect   | Rob Nahf       | 2012-03-08 05:53 | d1_libclient_java       |
| 2460 | Infrastructure | Bug     | Closed      | Normal   | escaped + in query string not being decoded?   | Robert Waltz   | 2012-03-09 18:35 | Metacat                 |
| 2511 | Infrastructure | Bug     | Closed      | High     | escaped '+' in query string (%2B) generating ServiceFailure for getLogRecords        | Roger Dahl     | 2012-03-28 16:00 | d1_mn_GMN               |
| 2512 | Infrastructure | Bug     | Closed      | High     | listObjects ignores fromDate query parameter   | Roger Dahl     | 2012-03-26 03:18 | d1_mn_GMN               |
| 2513 | Infrastructure | Bug     | Closed      | Normal   | gmh getLogRecords returning no objects when no parameters passed on the query string | Roger Dahl     | 2012-04-16 03:43 | d1_mn_GMN               |
| 2515 | Infrastructure | Bug     | Rejected    | Normal   | gmh getCapabilities() throwing error   | Roger Dahl     | 2012-03-21 21:06 | d1_mn_GMN               |
| 2516 | Infrastructure | Bug     | Closed      | Normal   | cn.getLogRecords() errors vs. cn-dev   | Rob Nahf       | 2012-03-26 17:29 | d1_cn_solr_extensions   |
| 2517 | Infrastructure | Task    | Rejected    | Normal   | refactor IdentityManager's CNIdentityLDAPImpl.getSubjectInfo() to throw NotFound     | Rob Nahf       | 2012-03-22 20:41 | d1_identity_manager     |
| 2518 | Infrastructure | Task    | Closed      | Normal   | refactor SessionAuthorization.doFilter()   | Rob Nahf       | 2012-03-23 22:43 | d1_cn_solr_extensions   |
| 2523 | Infrastructure | Story   | Closed      | Normal   | authorization implementations should be centralized                                  | Rob Nahf       | 2018-01-17 20:37 | Documentation           |

| #    | Project        | Tracker | Status      | Priority | Subject  | Assignee        | Updated          | Category                      |
|------|----------------|---------|-------------|----------|--|-----------------|------------------|-------------------------------|
| 2531 | Infrastructure | Story   | Closed      | Normal   | Need to document cn.delete() method.   | Dave Vieglais   | 2012-05-07 14:56 | Documentation                 |
| 2532 | Infrastructure | Feature | Closed      | Normal   | pidFilter parameter for getLogRecords  | Dave Vieglais   | 2012-05-23 05:55 | Documentation                 |
| 2533 | Infrastructure | Task    | Closed      | Normal   | update the d1_common_java interfaces   | Rob Nahf        | 2012-03-29 16:24 | d1_common_java                |
| 2534 | Infrastructure | Task    | Closed      | Normal   | update the libclient_java  | Rob Nahf        | 2012-03-29 16:24 | d1_libclient_java             |
| 2535 | Infrastructure | Task    | Closed      | Normal   | update the d1_common_python interface  | Roger Dahl      | 2012-04-16 19:38 | d1_common_python              |
| 2536 | Infrastructure | Task    | Closed      | Normal   | update d1_libclient_python   | Roger Dahl      | 2012-04-16 19:33 | d1_libclient_python           |
| 2537 | Infrastructure | Task    | Closed      | Normal   | create d1_integration tests using pidFilter                                    | Rob Nahf        | 2012-05-23 05:52 | d1_integration                |
| 2540 | Infrastructure | Feature | In Progress | Normal   | add generateIdentifier() method to MNStorage API                               | Dave Vieglais   | 2014-10-02 17:54 | Documentation                 |
| 2541 | Infrastructure | Task    | Closed      | Normal   | update the d1_common_java interfaces   | Rob Nahf        | 2014-10-02 17:54 | d1_common_java                |
| 2542 | Infrastructure | Task    | Closed      | Normal   | update the libclient_java  | Rob Nahf        | 2014-10-02 17:54 | d1_libclient_java             |
| 2543 | Infrastructure | Task    | Closed      | Normal   | update the d1_common_python interface  | Roger Dahl      | 2014-10-02 17:54 | d1_common_python              |
| 2544 | Infrastructure | Task    | Closed      | Normal   | update the libclient python implementation                                     | Roger Dahl      | 2014-10-02 17:54 | d1_libclient_python           |
| 2545 | Infrastructure | Task    | New         | Normal   | create d1_integration tests using for MN.generateIdentifier                    | Rob Nahf        | 2014-10-02 17:54 | d1_integration                |
| 2548 | Infrastructure | Story   | New         | Normal   | recasting untrusted certs to public poses accessibility inconsistency to users |                 | 2018-01-17 20:36 | Authentication, Authorization |
| 2549 | Infrastructure | Task    | New         | Normal   | document the decision  | Matthew Jones   | 2012-03-27 22:03 | Authentication, Authorization |
| 2551 | Infrastructure | Task    | Closed      | Normal   | test feasibility of apache rejecting non-verified certificates                 | Roger Dahl      | 2012-03-30 01:24 |                               |
| 2587 | Infrastructure | Bug     | Closed      | Normal   | schema annotation in Node type is out-of-date with implementation              | Dave Vieglais   | 2013-09-11 02:15 |                               |
| 2599 | Infrastructure | Task    | Closed      | High     | cn.resolve throws ServiceFailure when should be NotAuthorized                  | Robert Waltz    | 2012-04-12 21:46 | d1_cn_service                 |
| 2611 | Member Nodes   | Task    | Closed      | High     | mercury ornldaac /object error   | Giri Palanisamy | 2013-02-18 18:14 |                               |
| 2615 | Infrastructure | Bug     | Closed      | High     | metacat eml parsing - schema location error                                    | Ben Leinfelder  | 2012-04-18 17:51 | Metacat                       |
| 2621 | Java Client    | Task    | Closed      | Normal   | remove supplementary character test from testIdentifierEncoding test           | Rob Nahf        | 2015-08-04 18:44 |                               |
| 2625 | Infrastructure | Story   | Closed      | Normal   | generate test certificates under the new dataone (test) CA                     | Rob Nahf        | 2012-05-19 09:48 | d1_integration                |
| 2630 | Infrastructure | Story   | Closed      | Normal   | need a public facing document for how to become a member node                  | Dave Vieglais   | 2014-10-01 22:58 |                               |
| 2632 | Infrastructure | Task    | Closed      | Normal   | review the Node Registration procedure document                                | Dave Vieglais   | 2014-10-01 22:58 | Documentation                 |
| 2637 | Infrastructure | Task    | Closed      | Normal   | update java interfaces and client implementations                              | Rob Nahf        | 2012-04-23 19:27 | d1_libclient_java             |
| 2638 | Infrastructure | Task    | Closed      | Normal   | fix api documentation so method is in MNAuthorization table                    | Dave Vieglais   | 2012-05-02 16:12 | Documentation                 |
| 2639 | Infrastructure | Story   | Closed      | Normal   | daisy-chain equivalent identities causes problems with transitivity            | Rob Nahf        | 2012-05-08 16:45 | d1_common_java                |
| 2640 | Infrastructure | Task    | Closed      | Normal   | fix AuthUtils implementation   | Rob Nahf        | 2012-05-02 18:07 | d1_common_java                |
| 2641 | Infrastructure | Task    | Closed      | Normal   | create integration tests for daisy-chained relationships                       | Rob Nahf        | 2012-05-08 16:44 | d1_integration                |
| 2645 | Infrastructure | Story   | Closed      | Normal   | Session handling in java service api   | Rob Nahf        | 2012-05-04 22:49 | d1_common_java                |

| #    | Project        | Tracker | Status   | Priority | Subject   | Assignee       | Updated          | Category                      |
|------|----------------|---------|----------|----------|---|----------------|------------------|-------------------------------|
| 2647 | Infrastructure | Task    | Closed   | Normal   | add corresponding session-less methods to the service api                               | Rob Nahf       | 2012-04-26 03:37 | d1_common_java                |
| 2648 | Infrastructure | Task    | Closed   | Normal   | add corresponding session-less methods to the client implementations                    | Rob Nahf       | 2012-04-26 03:38 | d1_libclient_java             |
| 2649 | Infrastructure | Task    | Closed   | Normal   | update architecture conformity tests  | Rob Nahf       | 2012-05-04 22:47 | d1_integration                |
| 2650 | Infrastructure | Task    | Closed   | Normal   | add a D1Node constructor that takes a Session object                                    | Rob Nahf       | 2012-04-26 17:05 | d1_libclient_java             |
| 2656 | Infrastructure | Bug     | Closed   | Normal   | mn.getSystemMetadata() dependent on CN being available                                  | Ben Leinfelder | 2012-04-27 21:18 | Metacat                       |
| 2661 | Infrastructure | Story   | Closed   | Normal   | handling complicated identity-equivalencies for authorization                           | Dave Vieglais  | 2012-10-08 16:53 | Authentication, Authorization |
| 2662 | Infrastructure | Task    | Closed   | Normal   | Decide transitivity behavior for verification, equivalent identities wrt/ authorization |                | 2012-10-03 15:40 |                               |
| 2663 | Infrastructure | Task    | Closed   | Normal   | what is returned by CN.getSubjectInfo()?  |                | 2012-10-03 15:40 |                               |
| 2664 | Infrastructure | Task    | New      | Normal   | Create documentation for how transitivity is enacted for authorization                  | Matthew Jones  | 2014-10-01 20:47 | Authentication, Authorization |
| 2665 | Infrastructure | Task    | Closed   | Normal   | Authorization consistency between language implementations                              | Dave Vieglais  | 2012-10-08 16:53 | Authentication, Authorization |
| 2666 | Infrastructure | Task    | Closed   | Normal   | create python tool for returning equivalent IDs from session                            | Andrew Pippin  | 2012-10-03 15:40 | Authentication, Authorization |
| 2667 | Infrastructure | Task    | Closed   | Normal   | create java tool for returning equivalent IDs from session                              | Rob Nahf       | 2012-10-03 15:40 | Authentication, Authorization |
| 2668 | Infrastructure | Task    | Closed   | Normal   | create python tool for returning isAuthorized given AccessPolicy and list of Subjects   | Andrew Pippin  | 2012-10-03 15:40 | Authentication, Authorization |
| 2669 | Infrastructure | Task    | Closed   | Normal   | create java tool for returning isAuthorized given AccessPolicy and list of Subjects     | Rob Nahf       | 2012-10-03 15:40 | Authentication, Authorization |
| 2670 | Infrastructure | Task    | Closed   | Normal   | check for character limit of customMessages within certificates                         | Rob Nahf       | 2012-10-03 15:40 | Authentication, Authorization |
| 2694 | Infrastructure | Story   | Closed   | Normal   | getReplica Tier4 -> Tier1   | Dave Vieglais  | 2012-05-24 17:13 | Documentation                 |
| 2695 | Infrastructure | Task    | Closed   | Normal   | update documentation  | Dave Vieglais  | 2012-05-04 20:44 | Documentation                 |
| 2696 | Infrastructure | Task    | Closed   | Normal   | update d1_common and libclient java   | Rob Nahf       | 2012-05-04 20:52 | d1_common_java                |
| 2697 | Infrastructure | Task    | Rejected | Normal   | getReplica(): update d1_common and libclient python                                     | Roger Dahl     | 2012-05-09 15:46 | d1_common_python              |
| 2727 | Infrastructure | Story   | Closed   | Normal   | need to test multi-rule access policy   | Rob Nahf       | 2012-05-10 18:54 | d1_integration                |
| 2728 | Infrastructure | Task    | Closed   | Normal   | create a test object with a complicated access policy                                   | Rob Nahf       | 2012-05-10 18:52 | d1_integration                |
| 2743 | Infrastructure | Bug     | Closed   | Normal   | listObjects impl's do not support consistent slicing                                    | Dave Vieglais  | 2012-10-09 16:35 | Documentation                 |
| 2747 | Infrastructure | Task    | Closed   | Normal   | fix testListObjects_FormatIDFilter test to work around the limitation                   | Rob Nahf       | 2012-10-08 16:51 | d1_integration                |
| 2748 | Infrastructure | Task    | Closed   | Normal   | update documentation for all slicing methods on count behavior                          | Dave Vieglais  | 2012-10-09 16:32 | Documentation                 |
| 2749 | Infrastructure | Task    | Closed   | Normal   | take out InvalidRequest response from GMN when count parameter is too high...           | Roger Dahl     | 2012-10-08 16:51 | d1_libclient_python           |
| 2750 | Infrastructure | Task    | Closed   | High     | add D1Client.getCN(Session session) method  | Rob Nahf       | 2012-05-11 19:56 | d1_libclient_java             |
| 2751 | Infrastructure | Task    | Closed   | Normal   | add setSession() method to D1Node class ?   | Rob Nahf       | 2012-05-11 19:54 | d1_libclient_java             |
| 2752 | Infrastructure | Task    | Rejected | Urgent   | fix determinSession() method  | Rob Nahf       | 2012-05-11 19:51 | d1_libclient_java             |

| #    | Project        | Tracker | Status      | Priority  | Subject  | Assignee       | Updated          | Category                      |
|------|----------------|---------|-------------|-----------|--|----------------|------------------|-------------------------------|
| 2763 | Infrastructure | Story   | Closed      | Normal    | WebTester is unresponsive and seems to hang  | Rob Nahf       | 2018-01-17 20:32 | d1_integration                |
| 2766 | Infrastructure | Bug     | Rejected    | Normal    | mn.describe() not found not thrown   | Ben Leinfelder | 2012-05-18 16:30 | Metacat                       |
| 2777 | Infrastructure | Story   | Rejected    | Low       | include session subject in NotAuthorized message   | Ben Leinfelder | 2012-05-18 22:06 | Metacat                       |
| 2778 | Infrastructure | Story   | Closed      | Low       | include session subject in NotAuthorized error message                                   | Ben Leinfelder | 2012-10-08 18:10 | Metacat                       |
| 2779 | Infrastructure | Task    | Closed      | Normal    | create authorization methods in d1_common_java   | Rob Nahf       | 2012-05-17 21:11 | d1_common_java                |
| 2780 | Infrastructure | Task    | Closed      | Normal    | utilitize AuthUtils methods in metacat authorization                                     | Rob Nahf       | 2018-01-17 20:37 | Metacat                       |
| 2781 | Infrastructure | Bug     | Closed      | Immediate | ExceptionHandler needs to handle package-qualified exception names                       | Rob Nahf       | 2012-05-19 09:52 | d1_common_java                |
| 2782 | Infrastructure | Task    | Closed      | Normal    | install new test client certificates onto dev-testing (Hudson)                           | Rob Nahf       | 2012-05-19 08:11 | Support Operations            |
| 2783 | Infrastructure | Task    | Closed      | Normal    | install new test client certificates onto mncheck ("MN Web Tester")                      | Rob Nahf       | 2012-05-19 09:45 | d1_integration                |
| 2784 | Infrastructure | Task    | Closed      | Normal    | refactor certificates out of d1_integration package (svn)                                | Rob Nahf       | 2012-05-19 08:14 | Authentication, Authorization |
| 2797 | Infrastructure | Feature | Closed      | Normal    | filter log records by pid  | Dave Vieglais  | 2012-09-18 17:21 | Documentation                 |
| 2798 | Infrastructure | Task    | Closed      | Normal    | implement pidFilter logic for getLogRecords in metacat                                   | Ben Leinfelder | 2012-05-23 17:03 | Metacat                       |
| 2799 | Infrastructure | Task    | Closed      | Normal    | implement pidFilter logic for getLogRecords in gmn                                       | Roger Dahl     | 2012-05-30 21:18 | d1_mn_GMN                     |
| 2802 | Infrastructure | Story   | Closed      | Normal    | cn nameserver inconsistency in sandbox   | Dave Vieglais  | 2012-05-30 14:00 |                               |
| 2810 | Infrastructure | Task    | New         | Normal    | setReplicationStatus() example rwt state transition is incorrect                         | Dave Vieglais  | 2014-10-02 17:21 | Documentation                 |
| 2827 | Infrastructure | Task    | In Progress | Normal    | nesting groups requires schema change*   | Dave Vieglais  | 2015-06-25 22:00 | d1_schemas                    |
| 2950 | Infrastructure | Story   | Closed      | Normal    | create integration tests for CN-dependent MN calls                                       | Rob Nahf       | 2018-01-17 20:28 | d1_integration                |
| 2956 | Infrastructure | Task    | In Progress | Normal    | content-checking tests for MNs entering an environment                                   | Rob Nahf       | 2014-10-01 22:04 | d1_integration                |
| 2968 | Java Client    | Bug     | New         | Normal    | cn.getFormat() doesn't use cn associated with the CNode object                           | Rob Nahf       | 2015-02-11 20:56 | d1_libclient_java             |
| 3000 | Infrastructure | Bug     | Closed      | Normal    | group subjects in Node record don't work for authorizing updates to the record           | Robert Waltz   | 2013-01-09 21:09 | d1_cn_service                 |
| 3005 | Infrastructure | Bug     | Closed      | Normal    | DEV cn's not returning proper describe response  | Chris Jones    | 2012-09-01 01:57 | Metacat                       |
| 3009 | Infrastructure | Bug     | Closed      | Normal    | NodelistUtil select methods buggy  | Rob Nahf       | 2012-06-28 17:41 | d1_common_java                |
| 3015 | Infrastructure | Bug     | Closed      | Low       | production /portal silently failed to register Person with long first name               | Ben Leinfelder | 2012-08-31 14:17 | d1_portal_servlet             |
| 3028 | Infrastructure | Bug     | Closed      | Normal    | D1Client.getMN(NodeReference) doesn't raise exception when a node not found in nodelist  | Rob Nahf       | 2012-06-28 17:38 | d1_libclient_java             |
| 3029 | Infrastructure | Bug     | Closed      | Normal    | SANDBOX: synchronization puts an unregistered NodeReference in replica.replicaMemberNode | Robert Waltz   | 2012-07-03 02:39 | d1_cn_node_registry           |
| 3057 | Java Client    | Task    | In Progress | Normal    | retest CLOSE_WAIT issue once the lib client is complete.                                 | Rob Nahf       | 2015-02-11 19:52 | d1_libclient_java             |
| 3058 | Infrastructure | Story   | Closed      | High      | upgrade HTTPComponents from 4.1.3 to 4.2.1   | Rob Nahf       | 2014-12-15 18:04 | d1_libclient_java             |
| 3065 | Infrastructure | Bug     | Closed      | Normal    | cn.listObjects slicing broken in production  | Ben Leinfelder | 2013-01-08 18:53 | Metacat                       |
| 3086 | Infrastructure | Bug     | Closed      | Normal    | d1_auditing_java can't control logging statements.                                       | Rob Nahf       | 2012-08-10 17:19 | d1_libclient_java             |

| #    | Project        | Tracker | Status   | Priority | Subject  | Assignee      | Updated          | Category          |
|------|----------------|---------|----------|----------|--|---------------|------------------|-------------------|
| 3104 | Infrastructure | Bug     | Rejected | Normal   | LocalCache in libclient_java can't be disabled                                   | Rob Nahf      | 2012-07-26 22:16 | d1_libclient_java |
| 3105 | Infrastructure | Story   | Closed   | Normal   | LocalCache doesn't expose or document a way to shutdown the JCS caches           | Rob Nahf      | 2012-07-26 21:09 | d1_libclient_java |
| 3124 | Infrastructure | Task    | Closed   | Normal   | webTester seems unresponsive when running long tests                             | Rob Nahf      | 2014-10-02 17:43 | d1_integration    |
| 3125 | Infrastructure | Task    | Closed   | Normal   | refactor the web-test http servlet to stream test results as they come in        | Rob Nahf      | 2014-10-02 17:43 | d1_integration    |
| 3126 | Infrastructure | Task    | Closed   | Normal   | try running JUnit tests in parallel  | Rob Nahf      | 2018-01-17 20:31 | d1_integration    |
| 3143 | Infrastructure | Task    | Closed   | Normal   | change the tomcat garbage collector  | Rob Nahf      | 2014-10-02 17:43 | d1_integration    |
| 3144 | Infrastructure | Bug     | Closed   | Normal   | Recent WebTester's not accepting baseurl's                                       | Rob Nahf      | 2012-08-17 16:12 | d1_integration    |
| 3145 | Infrastructure | Task    | Closed   | Normal   | remove out.close() from TestRunnerHttpServlet                                    | Rob Nahf      | 2014-10-02 17:43 | d1_integration    |
| 3163 | Infrastructure | Task    | Closed   | Normal   | split out known long-running tests into separate test classes by Tier            | Rob Nahf      | 2014-10-02 17:43 | d1_integration    |
| 3164 | Infrastructure | Task    | Closed   | Normal   | allow tiers to be selected individually.   | Rob Nahf      | 2014-10-02 17:43 | MNWebChecker      |
| 3165 | Java Client    | Bug     | New      | Low      | Libclient caching does not respect accessPolicies                                | Rob Nahf      | 2015-02-11 18:37 | d1_libclient_java |
| 3227 | Infrastructure | Task    | Closed   | Normal   | update mncheck (WebTester machine)   | Rob Nahf      | 2012-09-06 21:04 | d1_integration    |
| 3280 | Infrastructure | Task    | Closed   | Normal   | put d1_libclient_java jar on releases.dataone.org                                | Rob Nahf      | 2013-08-14 14:31 | d1_libclient_java |
| 3281 | Infrastructure | Story   | Closed   | Normal   | refactor "facade" methods from D1Object  | Rob Nahf      | 2013-08-07 19:26 | d1_libclient_java |
| 3282 | Infrastructure | Task    | Closed   | High     | merge schema 1.1 branch to trunk, repoint d1_common_java to it                   | Rob Nahf      | 2012-10-25 15:10 | d1_schemas        |
| 3283 | Infrastructure | Task    | Rejected | Normal   | remove the "sortable" field in queryEngineDescription                            | Dave Viegla   | 2012-10-25 15:10 | d1_schemas        |
| 3284 | Infrastructure | Task    | Closed   | Normal   | write integration tests for query(), listQueryEngines(), describeQueryEngines()  | Rob Nahf      | 2012-10-25 15:10 | d1_integration    |
| 3285 | Infrastructure | Task    | Closed   | Normal   | develop libclient developers usage document                                      | Rob Nahf      | 2013-08-14 14:31 | d1_libclient_java |
| 3286 | Infrastructure | Task    | Rejected | Normal   | review default production environment in lib client                              | Rob Nahf      | 2013-08-14 14:31 | d1_libclient_java |
| 3287 | Redmine Test   | Bug     | Closed   | Normal   | redmine dreadfully slow  | Dave Viegla   | 2012-10-02 18:54 |                   |
| 3297 | Infrastructure | Story   | Closed   | Normal   | make libclient useable for developers  | Rob Nahf      | 2013-08-19 21:00 | d1_libclient_java |
| 3316 | Infrastructure | Story   | Closed   | Normal   | Support query api by adding url-joining feature to D1Url                         | Rob Nahf      | 2012-10-09 22:16 | d1_common_java    |
| 3339 | Infrastructure | Task    | Closed   | Normal   | utilize AuthUtils methods for search() / query()                                 | Skye Roseboom | 2012-10-17 16:41 | d1_indexer        |
| 3341 | Infrastructure | Bug     | Closed   | High     | found unclosed PEMReaders in libclient (CertMan). need to fix in v1.0 branch     | Rob Nahf      | 2013-03-01 20:04 | d1_libclient_java |
| 3342 | Infrastructure | Story   | Closed   | High     | support use of dataone-trusted-CAs in libclient_java and python                  | Rob Nahf      | 2012-12-12 18:52 | d1_libclient_java |
| 3343 | Infrastructure | Task    | Closed   | High     | configure CertificateManager to look for trusted certificates outside of package | Rob Nahf      | 2012-12-12 18:51 | d1_libclient_java |
| 3367 | Infrastructure | Story   | Rejected | Normal   | WebTester crashes periodically   | Rob Nahf      | 2018-01-17 20:26 | d1_integration    |
| 3368 | Infrastructure | Task    | Closed   | Normal   | build new WebTester that contains the PEMReader close fixes                      | Rob Nahf      | 2014-10-01 22:08 | d1_integration    |

| #    | Project          | Tracker | Status      | Priority | Subject   | Assignee       | Updated          | Category                |
|------|------------------|---------|-------------|----------|---|----------------|------------------|-------------------------|
| 3369 | Infrastructure   | Bug     | Closed      | Normal   | new HttpClient version causing SSLSocketException: "Socket is closed"                                     | Rob Nahf       | 2014-12-15 18:32 | d1_libclient_java       |
| 3399 | Infrastructure   | Bug     | Closed      | Normal   | cn.reserveIdentifier occasionally timing out in DEV and STAGE   | Ben Leinfelder | 2013-01-15 21:03 | Environment.Development |
| 3402 | Infrastructure   | Bug     | Closed      | High     | synchronization lags in dev   | Robert Waltz   | 2014-07-30 03:12 | d1_synchronization      |
| 3430 | DataONE R Client | Story   | Closed      | Normal   | Should be able to include pre-existing objects in a new package and create the package without exceptions | Rob Nahf       | 2014-09-10 20:57 |                         |
| 3431 | Infrastructure   | Story   | Closed      | Normal   | Should have a general search/query method in D1Client for searching the CN                                | Rob Nahf       | 2013-01-10 22:28 | d1_client_r             |
| 3432 | DataONE R Client | Task    | Closed      | Normal   | create documentation (.Rd files) for R Client   | Rob Nahf       | 2013-02-22 18:53 |                         |
| 3433 | DataONE R Client | Story   | Closed      | Normal   | adapt R Client methods to fit in with R community expectations  | Rob Nahf       | 2013-03-01 22:22 |                         |
| 3445 | Infrastructure   | Task    | Closed      | Normal   | build the method to hit the solr query endpoint in R D1Client   | Rob Nahf       | 2013-01-10 22:27 | d1_client_r             |
| 3446 | Infrastructure   | Task    | Closed      | Normal   | build CN solr query method that does the url escaping   | Rob Nahf       | 2013-01-10 22:27 | d1_client_r             |
| 3448 | Infrastructure   | Story   | Closed      | Normal   | add (client) methods to traverse obsoletes chain  | Rob Nahf       | 2014-10-01 23:05 | d1_libclient_java       |
| 3450 | DataONE R Client | Story   | Closed      | Urgent   | prepare release of d1_client_r  | Matthew Jones  | 2013-02-25 18:25 |                         |
| 3451 | DataONE R Client | Task    | Rejected    | Normal   | branch d_client_r   | Matthew Jones  | 2013-02-22 18:44 |                         |
| 3452 | DataONE R Client | Task    | Closed      | Normal   | test and tag the release  | Matthew Jones  | 2013-02-25 18:24 |                         |
| 3453 | DataONE R Client | Task    | Closed      | Normal   | switch to stable D1 dependencies  | Rob Nahf       | 2013-02-22 18:44 |                         |
| 3475 | DataONE R Client | Task    | Closed      | Normal   | refactor createDataPackage  | Rob Nahf       | 2013-03-01 22:17 |                         |
| 3481 | Infrastructure   | Bug     | Closed      | Normal   | metacata D1NodeService.get() returning wrong exception  | Jing Tao       | 2014-12-13 00:33 | Metacat                 |
| 3514 | Infrastructure   | Bug     | Closed      | Normal   | CN solr search returns the 'text' field   | Skye Roseboom  | 2013-05-13 23:37 | d1_cn_solr_extensions   |
| 3540 | Infrastructure   | Task    | Closed      | Normal   | design and build getObsoletesChain method   | Rob Nahf       | 2014-10-01 23:04 | d1_libclient_java       |
| 3541 | Infrastructure   | Task    | Closed      | Normal   | design and build the ObsoletesChain object  | Rob Nahf       | 2014-10-01 23:05 | d1_libclient_java       |
| 3542 | DataONE R Client | Task    | Closed      | Normal   | rename methods beginning with dataTable   | Rob Nahf       | 2013-03-01 22:22 |                         |
| 3543 | DataONE R Client | Task    | Closed      | Normal   | adjust documentation to match S4 expectations   | Rob Nahf       | 2013-03-01 22:22 |                         |
| 3544 | DataONE R Client | Task    | Closed      | Normal   | replace prints with messages where appropriate  | Rob Nahf       | 2013-03-01 22:22 |                         |
| 3571 | Infrastructure   | Bug     | Closed      | Urgent   | verbose logging output gets in the way of regular console output  | Rob Nahf       | 2013-02-12 21:37 | d1_client_r             |
| 3591 | Infrastructure   | Story   | In Progress | Normal   | Content consistency checks for new member nodes   | Rob Nahf       | 2018-01-17 20:23 | MNWebChecker            |
| 3592 | Infrastructure   | Task    | Closed      | Normal   | write test that checks checksum consistency   | Rob Nahf       | 2014-10-01 22:04 | d1_integration          |
| 3593 | Infrastructure   | Task    | Closed      | Normal   | write a test for parsing ResourceMaps   | Rob Nahf       | 2014-10-01 22:04 | d1_integration          |
| 3594 | Infrastructure   | Task    | Closed      | Normal   | enable the systemMetadataChanged tests  | Rob Nahf       | 2013-02-20 09:57 | d1_integration          |
| 3599 | Infrastructure   | Bug     | Closed      | High     | resource map formatId doesn't match what's in CN.listFormats  | Ryan Scherle   | 2013-06-24 19:56 | mn.Dryad                |
| 3627 | Infrastructure   | Bug     | Rejected    | Normal   | inconsistent SSL peer not auth exceptions with KNB content (godaddy CA)                                   | Rob Nahf       | 2013-02-28 22:39 | d1_client_r             |
| 3634 | DataONE R Client | Task    | Closed      | Normal   | create unit test for pre-existing D1Object in createDataPackage   | Rob Nahf       | 2014-09-10 20:57 |                         |

| #    | Project        | Tracker | Status      | Priority | Subject  | Assignee       | Updated          | Category               |
|------|----------------|---------|-------------|----------|--|----------------|------------------|------------------------|
| 3656 | Infrastructure | Story   | New         | Normal   | integration testing: what are acceptable pids for update?                  | Roger Dahl     | 2018-01-17 20:22 |                        |
| 3657 | Infrastructure | Bug     | Closed      | Normal   | SearchMetadata.txt "contains" relationship not implemented                 | Skye Roseboom  | 2013-08-14 21:00 | Documentation          |
| 3658 | DataONE API    | Bug     | New         | Normal   | Deleting objects breaks obsoletes chain traversal                          | Chris Jones    | 2015-01-19 22:29 |                        |
| 3660 | Infrastructure | Story   | Closed      | Normal   | Deleting objects will lead to unresolvable resourceMap entities            | Jing Tao       | 2014-12-16 16:47 |                        |
| 3666 | Java Client    | Story   | In Progress | Low      | D1Client.listUpdateHistory() needs to handle changing access policies      | Rob Nahf       | 2018-01-17 20:19 | d1_libclient_java      |
| 3667 | Infrastructure | Story   | Rejected    | Normal   | MN.update() should set archive field for the obsoleted object              | Dave Vieglais  | 2013-03-22 17:50 | Documentation          |
| 3668 | Infrastructure | Task    | Rejected    | Normal   | change MN.update to reflect archive field of obsoleted to be set by update | Dave Vieglais  | 2013-03-22 17:47 | Documentation          |
| 3669 | Infrastructure | Task    | Rejected    | Normal   | metacat MN.update() should set archived for obsoleted                      | Ben Leinfelder | 2013-03-19 20:15 | Metacat                |
| 3670 | Infrastructure | Task    | Rejected    | Normal   | GMN MN.update() should set archived for obsoleted                          | Roger Dahl     | 2013-03-22 17:48 | d1_mn_GMN              |
| 3671 | Infrastructure | Task    | Rejected    | Normal   | sync return InvalidSysMeta for obsoleted but not archived                  | Robert Waltz   | 2013-03-22 17:12 | d1_synchronization     |
| 3672 | Infrastructure | Task    | Rejected    | Normal   | integration test for checking archived upon update                         | Rob Nahf       | 2013-03-22 17:49 | d1_integration         |
| 3673 | Infrastructure | Task    | Rejected    | Normal   | implement MN.update() method change in existing member nodes.              | Chris Jones    | 2013-03-22 17:49 | Environment.Production |
| 3674 | Infrastructure | Task    | Rejected    | Normal   | archive obsoleted objects in production                                    | Chris Jones    | 2013-03-22 17:50 | Environment.Production |
| 3675 | Infrastructure | Bug     | New         | High     | package relationships not available for archived objects                   | Rob Nahf       | 2018-09-21 21:01 | d1_indexer             |
| 3676 | Infrastructure | Task    | Closed      | High     | design proposal for archive  | Rob Nahf       | 2018-09-21 21:00 | d1_indexer             |

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