| #    | Tracker | Status | Priority | Subject  | Assignee           | Updated             |
|------|---------|--------|----------|--|--------------------|---------------------|
| 5110 | Bug     | Closed | High     | Image commands failures with unicode image names   | Stavros Sachtouris | 02/20/2014 11:53 am |
| 4940 | Bug     | Closed | Medium   | Image property delete documentation and ease of use  | Stavros Sachtouris | 02/20/2014 11:53 am |
| 4871 | Bug     | Closed | High     | kamaki.clients.utils.readall failes with files that have no size (e.g. blockfiles)             | Stavros Sachtouris | 02/20/2014 11:51 am |
| 4864 | Bug     | Closed | High     | Image register failure when used with upload but no metafile                                   | Stavros Sachtouris | 02/20/2014 11:52 am |
| 4616 | Bug     | Closed | Medium   | Thread limit is broken   | Stavros Sachtouris | 02/20/2014 11:52 am |
| 4441 | Support | Closed | Medium   | Update lib documentation with examples featuring (a) cloud management and (b) virtual clusters | Stavros Sachtouris | 12/09/2013 11:51 am |
| 4429 | Feature | Closed | Medium   | Implement a kamaki cluster creator   | Stavros Sachtouris | 12/09/2013 11:50 am |
| 4422 | Feature | Closed | Medium   | Create a command group for floating ips  | Stavros Sachtouris | 12/02/2013 12:23 pm |
| 4352 | Bug     | Closed | Medium   | kamaki wait has no timeout argument and shows a meaningless progress bar                       | Stavros Sachtouris | 10/29/2013 12:20 pm |
| 4345 | Bug     | Closed | Medium   | kamaki server wait is lying  | Stavros Sachtouris | 10/29/2013 12:18 pm |
| 4342 | Support | Closed | Low      | Makejson option more generic   | Stavros Sachtouris | 10/29/2013 12:23 pm |
| 4341 | Bug     | Closed | Low      | Wait functionality should catch inerrupt signals and exit gracefully                           | Stavros Sachtouris | 10/29/2013 12:18 pm |
| 4339 | Bug     | Closed | High     | kamaki create server with personality exits with an error                                      | Stavros Sachtouris | 09/26/2013 05:10 pm |
| 4338 | Feature | Closed | Low      | Add arumenttype=HARD/SOFT to kamaki server reboot  | Stavros Sachtouris | 09/20/2013 06:05 pm |
| 4336 | Support | Closed | Low      | Use the term "server" instead of "VM" in related help messages                                 | Stavros Sachtouris | 09/27/2013 03:45 pm |
| 4325 | Bug     | Closed | Low      | Misleading error message in network delete   | Stavros Sachtouris | 10/29/2013 12:15 pm |
| 4312 | Feature | Closed | Medium   | Make astakosclient an intergral part of kamaki   | Stavros Sachtouris | 02/20/2014 11:53 am |
| 4301 | Feature | Closed | Medium   | Recursive file listing on container level  | Stavros Sachtouris | 10/29/2013 12:23 pm |
| 4300 | Bug     | Closed | Medium   | Kamaki POSTs tokens when there is no need to   | Stavros Sachtouris | 01/14/2014 11:41 am |
| 4298 | Feature | Closed | Low      | Add wait functionality to /server firewall set   | Stavros Sachtouris | 10/29/2013 12:23 pm |
| 4297 | Feature | Closed | Low      | Easier arguments for server personality  | Stavros Sachtouris | 10/29/2013 12:22 pm |
| 4292 | Feature | Closed | Medium   | Parametrize commands output and make it flexible   | Stavros Sachtouris | 10/29/2013 12:22 pm |
| 4288 | Feature | Closed | Medium   | Modify print methods in cli utils to use arbitary stream objects                               | Stavros Sachtouris | 10/29/2013 12:21 pm |
| 4279 | Feature | Closed | Low      | Use pydoc.pager instead of the custom kamaki pager.  | Stavros Sachtouris | 10/29/2013 12:21 pm |
| 4276 | Bug     | Closed | Medium   | kamaki image register does not guide user in case of an old-style argument                     | Stavros Sachtouris | 09/05/2013 02:31 pm |
| 4242 | Feature | Closed | Low      | Make proccess-id logging optional  | Stavros Sachtouris | 08/29/2013 01:27 pm |
| 4232 | Bug     | Closed | Medium   | split_input over-splits key=value strings if quotes are included in values                     | Stavros Sachtouris | 08/28/2013 04:19 pm |
| 4231 | Feature | Closed | High     | Implement property handling methods for plankton/image   | Stavros Sachtouris | 09/26/2013 05:13 pm |
| 4228 | Feature | Closed | Medium   | Add usernames when displaying uuids for users  | Stavros Sachtouris | 09/17/2013 03:20 pm |
| 4220 | Feature | Closed | Medium   | Add filterting options in kamaki   | Stavros Sachtouris | 09/26/2013 05:12 pm |
| 4206 | Feature | Closed | Medium   | Let image register upload the image file (with an optional argument)                           | Stavros Sachtouris | 08/28/2013 03:28 pm |
| 4203 | Feature | Closed | Medium   | kamaki-file-sharers should show user names and other user information                          | Stavros Sachtouris | 08/05/2013 06:59 pm |
| 4196 | Feature | Closed | Low      | Kamaki should auto-detect content-type   | Stavros Sachtouris | 08/28/2013 03:31 pm |
| 4155 | Feature | Closed | Medium   | Expose the project API of astakosclient to kamaki CLI  | Stavros Sachtouris | 09/17/2013 03:19 pm |
| 4153 | Feature | Closed | Medium   | Add server resize support  | Stavros Sachtouris | 12/02/2013 12:23 pm |
| 4139 | Support | Closed | Medium   | Update kamaki.clients.compute to comply with OpenStack v2                                      | Stavros Sachtouris | 08/28/2013 03:31 pm |
| 4135 | Support | Closed | Medium   | Enrich client API docs with examples and astakos endpoint information                          | Stavros Sachtouris | 08/05/2013 07:01 pm |
| 4134 | Bug     | Closed | Medium   | Take care of the virtual subdir item in pithos object-get                                      | Stavros Sachtouris | 08/28/2013 03:29 pm |
| 4126 | Feature | Closed | Medium   | Add the ~ character to accepted characters for cloud names                                     | Stavros Sachtouris | 08/05/2013 07:00 pm |
| 4115 | Feature | Closed | Medium   | Complete exposing astakosclient methods  | Stavros Sachtouris | 09/17/2013 03:19 pm |
| 4114 | Bug     | Closed | Low      | Exclude command groups if they are not set by kamaki or users                                  | Stavros Sachtouris | 08/05/2013 07:02 pm |
| -    |         |        |          |  |                    |                     |

| #    | Tracker | Status | Priority | Subject   | Assignee           | Updated             |
|------|---------|--------|----------|---|--------------------|---------------------|
| 4059 | Feature | Closed | Low      | Support multiple ranges in kamaki-file-* commands   | Stavros Sachtouris | 12/02/2013 12:23 pm |
| 4030 | Bug     | Closed | Medium   | Kamaki should raise errors for incompatible cloud names in config file                                | Stavros Sachtouris | 06/20/2013 03:39 pm |
| 4002 | Bug     | Closed | Low      | History run fails to use cached authentication information  | Stavros Sachtouris | 08/05/2013 07:00 pm |
| 3979 | Bug     | Closed | Medium   | Incorrect warning messages when config file is misconfigured  | Stavros Sachtouris | 06/20/2013 03:39 pm |
| 3978 | Bug     | Closed | Low      | Do not warn about ansicolors if user sets colors=off  | Stavros Sachtouris | 06/12/2013 05:32 pm |
| 3964 | Support | Closed | Medium   | Adjust functional tests in kamaki.clients to novel features   | Stavros Sachtouris | 06/21/2013 12:29 pm |
| 3956 | Bug     | Closed | Medium   | Download remote object with empty space in object path fails  | Stavros Sachtouris | 06/14/2013 11:30 am |
| 3954 | Bug     | Closed | Medium   | Fail to recursively download folders in windows   | Stavros Sachtouris | 06/14/2013 11:30 am |
| 3934 | Feature | Closed | Medium   | Design and support a new config file structure and address compatibility issues                       | Stavros Sachtouris | 06/20/2013 03:41 pm |
| 3913 | Feature | Closed | High     | Add multiple remotes and switch between them  | Stavros Sachtouris | 06/20/2013 03:40 pm |
| 3874 | Feature | Closed | High     | Ask astakos for service endpoints   | Stavros Sachtouris | 06/20/2013 03:40 pm |
| 3867 | Feature | Closed | Low      | Optional wait flag on server modificaiton commands  | Stavros Sachtouris | 06/26/2013 05:19 pm |
| 3862 | Feature | Closed | Medium   | Implement Floating ip client calls in compute/cyclades  | Stavros Sachtouris | 12/02/2013 12:23 pm |
| 3832 | Support | Closed | High     | Adjust cyclades and astakos calls to synnefo 0.14 specs and url schemes                               | Stavros Sachtouris | 06/20/2013 03:41 pm |
| 3806 | Support | Closed | Medium   | Cut-off compatibility with old forms of command groups and config files                               | Stavros Sachtouris | 06/04/2013 01:58 pm |
| 3797 | Feature | Closed | High     | Enrich image register meta record format  | Stavros Sachtouris | 06/20/2013 03:40 pm |
| 3780 | Bug     | Closed | Medium   | set permissions to a public object results to a non public object                                     | Stavros Sachtouris | 05/22/2013 06:06 pm |
| 3778 | Feature | Closed | Medium   | Introduce easy-to-set image location arguments for image register                                     | Stavros Sachtouris | 08/28/2013 03:30 pm |
| 3769 | Feature | Closed | High     | Store metadata after an image registration  | Stavros Sachtouris | 06/20/2013 03:40 pm |
| 3756 | Feature | Closed | Medium   | Add optional output to kamaki calls that create stuff   | Stavros Sachtouris | 05/22/2013 05:50 pm |
| 3739 | Feature | Closed | Medium   | Make enumeration optional in listings   | Stavros Sachtouris | 05/22/2013 05:51 pm |
| 3737 | Bug     | Closed | Medium   | file copy/move lost previously supported feature of reviving a deleted file by its version            | Stavros Sachtouris | 05/22/2013 06:06 pm |
| 3736 | Bug     | Closed | Medium   | Shell lost the correct command syntac for 2nd level commands  | Stavros Sachtouris | 05/15/2013 06:08 pm |
| 3735 | Feature | Closed | Medium   | Limit container info requests to one per upload session   | Stavros Sachtouris | 06/04/2013 01:54 pm |
| 3732 | Feature | Closed | Medium   | Give the option of a json-formated output   | Stavros Sachtouris | 05/22/2013 05:49 pm |
| 3730 | Feature | Closed | Medium   | List a detailed list of uploaded object after file upload   | Stavros Sachtouris | 05/22/2013 05:58 pm |
| 3728 | Feature | Closed | Medium   | Implement a Plankton-side image unregister  | Stavros Sachtouris | 06/13/2013 07:00 pm |
| 3716 | Bug     | Closed | Medium   | Allow runtime args when incoking interactive shell  | Stavros Sachtouris | 05/15/2013 06:05 pm |
| 3715 | Feature | Closed | Medium   | Enable or disable loggers   | Stavros Sachtouris | 06/04/2013 01:54 pm |
| 3708 | Bug     | Closed | Medium   | if_etag_match and if_not_exist preconditions not honoured during missing block check of upload_object | Stavros Sachtouris | 05/15/2013 01:08 pm |
| 3707 | Feature | Closed | Low      | Cache HEAD response headers of upload_object  | Stavros Sachtouris | 05/15/2013 03:47 pm |
| 3684 | Bug     | Closed | Medium   | Interpret 0 as "unlimited" in container limits  | Stavros Sachtouris | 04/30/2013 02:11 pm |
| 3668 | Feature | Closed | Low      | Better organization for logging   | Stavros Sachtouris | 06/04/2013 01:53 pm |
| 3663 | Bug     | Closed | Medium   | Uninformative error message when group does not load  | Stavros Sachtouris | 05/13/2013 02:18 pm |
| 3662 | Feature | Closed | Medium   | let kamaki file delete to empty & remove container in one call  | Stavros Sachtouris | 05/14/2013 06:25 pm |
| 3660 | Feature | Closed | Medium   | Enrich astakos client lib module  | Stavros Sachtouris | 07/08/2013 03:12 pm |
| 3658 | Bug     | Closed | Medium   | config does not work  | Stavros Sachtouris | 04/30/2013 02:10 pm |
| 3656 | Feature | Closed | Medium   | Make upload_object return etag data   | Stavros Sachtouris | 05/22/2013 05:58 pm |
| 3654 | Feature | Closed | Medium   | Instance-specific logfile   | Stavros Sachtouris | 05/10/2013 06:38 pm |
| 3653 | Bug     | Closed | Medium   | Stop add_file_logger default value from being /tmp/kamaki.log   | Stavros Sachtouris | 05/10/2013 05:54 pm |
| 3647 | Support | Closed | Medium   | Keep backward compatibility for configuration file management through version 0.8                     | Stavros Sachtouris | 06/07/2013 05:19 pm |
| 3633 | Feature | Closed | High     | Adjust Cyclades clients and corresponding commands to server modifications, if any                    | Stavros Sachtouris | 06/12/2013 05:34 pm |
| 3632 | Feature | Closed | Medium   | Cover astakos API on clients and create the corresponding user.* commands                             | Stavros Sachtouris | 08/05/2013 07:03 pm |

| #    | Tracker | Status | Priority | Subject   | Assignee           | Updated             |
|------|---------|--------|----------|---|--------------------|---------------------|
| 3610 | Support | Closed | Medium   | Modify default logfile settings   | Stavros Sachtouris | 04/18/2013 04:01 pm |
| 3608 | Feature | Closed | Low      | Separate upload_object file reading/data writing concerns                                     | Stavros Sachtouris | 06/20/2013 03:39 pm |
| 3596 | Bug     | Closed | Low      | Prefix support for list_objects   | Stavros Sachtouris | 05/17/2013 01:16 pm |
| 3587 | Support | Closed | Low      | Remove quotaholder module from kamaki   | Stavros Sachtouris | 04/15/2013 06:24 pm |
| 3574 | Feature | Closed | Low      | etag-if-match in upload   | Stavros Sachtouris | 04/12/2013 03:40 pm |
| 3566 | Feature | Closed | Medium   | Design and apply a naming convention for kamaki commands                                      | Stavros Sachtouris | 04/15/2013 06:22 pm |
| 3555 | Bug     | Closed | High     | Download/Upload missed data with very big files   | Stavros Sachtouris | 04/11/2013 01:12 pm |
| 3547 | Bug     | Closed | Low      | kamaki network delete error when performed on a deleted network                               | Stavros Sachtouris | 04/11/2013 03:26 pm |
| 3546 | Feature | Closed | Medium   | Let end users explicitely set the maximum number of threads                                   | Stavros Sachtouris | 04/11/2013 02:43 pm |
| 3541 | Support | Closed | Low      | Modify semantics for kamaki store setquota  | Stavros Sachtouris | 04/17/2013 11:31 am |
| 3536 | Feature | Closed | Medium   | Implement a recursive kamaki store upload   | Stavros Sachtouris | 05/15/2013 01:07 pm |
| 3527 | Bug     | Closed | High     | Some kamaki requests return "404 Not Found"   | Stavros Sachtouris | 04/30/2013 05:23 pm |
| 3526 | Support | Closed | High     | Support the new objpool HTTP connection-response model and simplify kamaki.clients.connection | Stavros Sachtouris | 04/30/2013 02:11 pm |
| 3514 | Support | Closed | Medium   | kamaki create network should use a default network type                                       | Stavros Sachtouris | 04/15/2013 02:46 pm |
| 3513 | Feature | Closed | Medium   | Impolement a client-side filter mechanism for image listing                                   | Stavros Sachtouris | 04/15/2013 04:32 pm |
| 3512 | Feature | Closed | Medium   | Image register should return response headers (especialy image id)                            | Stavros Sachtouris | 04/11/2013 06:45 pm |
| 3509 | Bug     | Closed | Medium   | *public* argument does nothing when used with *kamaki store list*                             | Stavros Sachtouris | 04/11/2013 04:13 pm |
| 3490 | Feature | Closed | Medium   | In CLI, move non-plankton/glance commands from image to cyclades                              | Stavros Sachtouris | 04/15/2013 06:22 pm |
| 3458 | Bug     | Closed | Low      | estimated time when downloading   | Stavros Sachtouris | 03/22/2013 11:45 am |
| 3457 | Bug     | Closed | Low      | User interupt in recursive download takes too long  | Stavros Sachtouris | 04/11/2013 05:52 pm |
| 3456 | Feature | Closed | Low      | Uniformity to runtime arguments   | Stavros Sachtouris | 04/11/2013 11:54 am |
| 3446 | Bug     | Closed | High     | Astakos client cache should not be shared between instances                                   | Stavros Sachtouris | 03/15/2013 12:04 pm |
| 3444 | Bug     | Closed | Low      | Intro help \exit should be /exit  | Stavros Sachtouris | 03/21/2013 06:07 pm |
| 3441 | Support | Closed | Medium   | Parametrise logging in kamaki.clients.Client  | Stavros Sachtouris | 04/12/2013 01:48 pm |
| 3422 | Feature | Closed | High     | Let caller program explicitly set connection pool size for all methods                        | Stavros Sachtouris | 03/22/2013 04:24 pm |
| 3403 | Bug     | Closed | Medium   | ETA estimation is completely off for Pithos uploads   | Stavros Sachtouris | 03/21/2013 07:39 pm |
| 3370 | Bug     | Closed | High     | http connection leak when exception raises while getting connection results                   | Stavros Sachtouris | 03/22/2013 11:51 am |
| 3367 | Support | Closed | Medium   | Suggest user to install missing suggested features  | Stavros Sachtouris | 03/04/2013 07:01 pm |
| 3329 | Bug     | Closed | High     | In Ímage register, plankton request url misses trailing /                                     | Stavros Sachtouris | 03/01/2013 03:24 pm |
| 3325 | Bug     | Closed | Medium   | Fail to manage non-ascii characters in store move/copy  | Stavros Sachtouris | 02/26/2013 06:33 pm |
| 3310 | Feature | Closed | Medium   | Simplify store copy/move semantics  | Stavros Sachtouris | 02/26/2013 05:41 pm |
| 3302 | Bug     | Closed | Medium   | network_create dhcp should be a flag, not a value setter                                      | Stavros Sachtouris | 02/20/2013 08:14 pm |
| 3292 | Bug     | Closed | High     | Lost default value of arguments with non-None default value                                   | Stavros Sachtouris | 02/19/2013 03:46 pm |
| 3279 | Bug     | Closed | Low      | kamaki recursive download does not behave nice if download folder does not exists             | Stavros Sachtouris | 02/21/2013 05:47 pm |
| 3265 | Bug     | Closed | High     | URL-encode all url paths before requests  | Stavros Sachtouris | 02/12/2013 04:34 pm |
| 3259 | Bug     | Closed | High     | Pithos container names with spaces are not supported  | Stavros Sachtouris | 02/12/2013 03:45 pm |
| 3256 | Bug     | Closed | Medium   | Pithos client interfave fails to create unicode containers                                    | Stavros Sachtouris | 02/26/2013 12:30 pm |
| 3231 | Feature | Closed | Medium   | Cache astakos authenticate retrieved results, simple api to access them                       | Stavros Sachtouris | 02/08/2013 12:32 pm |
| 3230 | Feature | Closed | Medium   | Pithos+ operations between different accounts   | Stavros Sachtouris | 03/21/2013 06:41 pm |
| 3229 | Feature | Closed | Medium   | Fine grained unittests for clients lib  | Stavros Sachtouris | 04/02/2013 01:50 pm |
| 3228 | Feature | Closed | Medium   | Mock testing for kamaki clients   | Stavros Sachtouris | 03/21/2013 06:08 pm |
| 3223 | Support | Closed | High     | Adjust kamaki store client and interface to use UUID as unique user identifier                | Stavros Sachtouris | 02/12/2013 03:45 pm |
| 3213 | Support | Closed | High     | Remove ordereddict dependency   | Stavros Sachtouris | 01/30/2013 04:45 pm |

| #    | Tracker | Status | Priority | Subject   | Assignee           | Updated             |
|------|---------|--------|----------|---|--------------------|---------------------|
| 3212 | Support | Closed | High     | Clean up client unittests   | Stavros Sachtouris | 02/07/2013 01:27 pm |
| 3211 | Bug     | Closed | Medium   | image register behavior with quoted text in kamaki shell              | Stavros Sachtouris | 02/01/2013 03:28 pm |
| 3209 | Support | Closed | Medium   | Container-path divider to be used as part of a container or path name | Stavros Sachtouris | 01/30/2013 06:53 pm |
| 3199 | Feature | Closed | Medium   | Recursively download remote directories                               | Stavros Sachtouris | 01/30/2013 06:54 pm |
| 3197 | Support | Closed | Medium   | Cleaner error handling code   | Stavros Sachtouris | 02/06/2013 06:50 pm |
| 3196 | Bug     | Closed | Medium   | Trace errors through all parts of kamaki code                         | Stavros Sachtouris | 02/07/2013 07:17 pm |
| 3187 | Bug     | Closed | Medium   | path prefix wildcard @ kamaki-store commands                          | Stavros Sachtouris | 01/29/2013 04:54 pm |
| 3179 | Support | Closed | Medium   | Merge quota-holder client in main kamaki distribution                 | Stavros Sachtouris | 01/21/2013 06:53 pm |
| 3173 | Feature | Closed | Medium   | number of threads in multithreaded sessions                           | Stavros Sachtouris | 02/01/2013 03:29 pm |
| 3172 | Bug     | Closed | High     | store upload connection/server failure handling                       | Stavros Sachtouris | 01/22/2013 07:53 pm |
| 3163 | Feature | Closed | Medium   | Rich command-specific user help                                       | Stavros Sachtouris | 01/22/2013 07:53 pm |