

## Issues

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Tags
3405	ChronoChat	Feature	New	Urgent	nfd-android		01/11/2016 10:47 AM	
2485	ChronoChat	Bug	New	Normal	All other participants "leaves room" when adjusting clock		02/06/2015 12:33 PM	
2487	ChronoChat	Task	Code review	Normal	Use user's default identity as the initial identity		04/07/2015 08:55 PM	
2539	ChronoChat	Task	New	Normal	Re-license code to GPL 3+		12/26/2020 07:37 PM	
3717	ChronoChat	Bug	New	Normal	ControllerBackend: does not process Nack		08/04/2016 10:57 PM	
3718	ChronoChat	Bug	New	Normal	ControllerBackend: does not process Nack		08/04/2016 10:57 PM	
3719	ChronoChat	Bug	New	Normal	NfdConnectionChecker: does not process Nack		08/04/2016 10:57 PM	
3925	ChronoShare	Task	New	Normal	Avoid creation multiple instances of KeyChain	Yukai Tu	01/13/2017 04:10 PM	
3926	ChronoShare	Task	New	Normal	Avoid all uses of boost::posix_time with ndn::time (boost::chrono)	Yukai Tu	01/15/2017 02:36 PM	
3952	ChronoShare	Task	Resolved	Normal	Restore routable prefix discovery in Dispatcher module	Yukai Tu	04/03/2017 04:09 PM	
2540	ChronoSync	Task	New	Normal	Re-license code to LGPL 3+	Yingdi Yu	01/18/2021 02:11 AM	
3224	ChronoSync	Task	New	Normal	Renaming common.hpp to common-chronosync.hpp		09/23/2015 04:28 PM	
3883	ChronoSync	Task	New	Normal	Time gap between interest expiration and refresh	Sonu Mishra	12/11/2016 01:27 PM	
3885	ChronoSync	Bug	New	Normal	processSyncInterest: Interest for new data getting satisfied by cached old data	Sonu Mishra	12/11/2016 01:54 PM	
4495	ChronoSync	Bug	New	Normal	Strange buffer overflow / random crash of chronosync::Socket related to ndn::InMemoryStorage		02/11/2018 07:46 PM	
4525	ChronoSync	Bug	New	Normal	Destructing a ChronoSync socket object shuts down the face		03/02/2018 10:33 AM	
5098	ChronoSync	Bug	New	Normal	LeafTests/LeafDigest fails on s390x		04/02/2020 01:14 PM	
4795	Consumer / Producer API	Task	New	High	Consumer/Producer API Build Failure		12/18/2018 01:36 AM	Consumer Producer API, build, error
3688	Consumer / Producer API	Bug	New	Normal	Consumer Producer API not compiled	Siraj Muhammad	07/29/2016 01:44 AM	
4597	Consumer / Producer API	Task	New	Normal	Howto fix it ?		04/29/2018 06:46 AM	
4491	ICE-AR Prototype	Task	New	High	sample client for bluetooth beaconing	Grant Weaver	02/08/2018 09:56 AM	ENGR 299
4493	ICE-AR Prototype	Task	New	High	BLE agent for NFD-android	Edward Lu	02/08/2018 09:59 AM	CS217
4457	ICE-AR Prototype	Task	New	Normal	develop repo-sync for content publishing and retrieval	Haitao Zhang	01/21/2018 10:06 PM	CS217
4458	ICE-AR Prototype	Task	New	Normal	Incorporate bluetooth beacon reading into NFD-android	Yanbiao Li	02/08/2018 09:50 AM	
4459	ICE-AR Prototype	Task	New	Normal	Implement and deploy authentication and access control using NMSU design		01/11/2018 09:03 PM	
4460	ICE-AR Prototype	Task	New	Normal	Design, then implement and deploy acceleration-as-a-service protocol for one edge module	Jessie Xu	02/08/2018 11:04 AM	
4461	ICE-AR Prototype	Task	New	Normal	Design and configure three-site testbed	Yanbiao Li	01/18/2018 01:25 PM	

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4494	ICE-AR Prototype	Task	New	Normal	explore the use of RxAdnroidBLE for beaconing		02/08/2018 09:54 AM	
2578	jndn	Feature	New	Normal	Callback classes should not be under net.named_data.jndn, but at some higher level		03/04/2015 10:33 PM	
4652	jndn	Feature	New	Normal	Include PrefixAnnouncement in prefix registration commands		07/05/2018 08:53 AM	
4873	jndn	Task	New	Normal	[Android] Incorrect PibImpl when creating KeyChain with pib-sqlite3 pib-locator		03/19/2019 03:13 PM	
5255	mGuard	Task	New	High	Encrypt data using all possible contextual attributes	Saurab Dulal	07/19/2023 09:57 PM	
5191	mGuard	Task	In Progress	Normal	Bootstrapping, namespace and certificate management	Tianyuan Yu	07/26/2023 09:38 PM	certificate
5194	mGuard	Task	New	Normal	Unit and Integration tests	Saurab Dulal	07/26/2023 09:24 PM	unit-tests, integration
5219	mGuard	Feature	New	Normal	Support name prefix of data requesters in the policy	Adam Thieme	08/19/2023 12:53 AM	Attribute Authority
5220	mGuard	Task	New	Normal	Automatically verify public key certificate from the users	Saurab Dulal	06/27/2022 04:20 AM	mGuard Controller, Attribute Authority
5222	mGuard	Task	In Progress	Normal	See the possibility of switching to Repo commands instead of TCP bulk insertion	Suravi Regmi	08/02/2023 09:39 PM	repo
5223	mGuard	Task	New	Normal	Investigate problems with key names and interest/data parameter setting in NAC-ABE	Saurab Dulal	08/02/2023 09:38 PM	NAC-ABE
5226	mGuard	Task	New	Normal	Fetch data from real MD2K server		06/27/2022 04:27 AM	system
5227	mGuard	Feature	New	Normal	Move repo interactions to a separation thread		06/27/2022 04:27 AM	repo, system
5228	mGuard	Task	In Progress	Normal	Benchmark repo with different DBs	Suravi Regmi	08/02/2023 09:33 PM	repo, system
5233	mGuard	Feature	New	Normal	Add wildcard support in both the name tree and in the parser		08/02/2023 09:27 PM	
5238	mGuard	Task	In Progress	Normal	Implement Unsubscribe feature	Saurab Dulal	07/12/2023 09:55 PM	
5253	mGuard	Task	New	Normal	Modularize mGuard pub-sub API	Saurab Dulal	03/29/2023 06:46 PM	
5256	mGuard	Task	New	Normal	Update mGuard naming convention to incorporate metadata and revision number of the stream	Saurab Dulal	08/09/2023 08:56 PM	
5257	mGuard	Feature	New	Normal	Initializing Requester Names via Controller Certs	Adam Thieme	07/19/2023 09:49 PM	
5259	mGuard	Task	New	Normal	Add participant ID to semantic location lookup	Adam Thieme	07/19/2023 09:43 PM	
5260	mGuard	Task	New	Normal	change semantic location lookup in database to return only one location	Adam Thieme	07/19/2023 09:42 PM	
5261	mGuard	Task	New	Normal	fix identity-management-fixture	Adam Thieme	08/19/2023 12:46 AM	
5272	mGuard	Task	New	Normal	Handle CK data segmentation and content segmentation if the size exceed the MTU size	Tianyuan Yu	07/19/2023 09:36 PM	
5274	mGuard	Task	In Progress	Normal	Clean Git Repository	Adam Thieme	08/10/2023 10:58 PM	
5275	mGuard	Task	In Progress	Normal	unit tests for name tree and parser	Adam Thieme	07/26/2023 09:24 PM	
5281	mGuard	Task	New	Normal	Example Consumer Updates		08/09/2023 10:02 PM	
5282	mGuard	Task	New	Normal	Update Current Example Consumer Application	Howard Zhu	08/09/2023 10:03 PM	
5283	mGuard	Task	New	Normal	Write New Example Consumer Application for Testing	Howard Zhu	08/09/2023 10:02 PM	

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5284	mGuard	Task	New	Normal	Documentation Updates		08/21/2023 06:26 PM	
5287	mGuard	Task	New	Normal	Developer Guide		08/09/2023 10:09 PM	
5289	mGuard	Task	New	Normal	test mGuard for possible testbed-related bugs		08/19/2023 12:57 AM	
5290	mGuard	Task	New	Normal	create valid trust schema for testbed experiments		08/19/2023 12:58 AM	
5292	mGuard	Task	New	Normal	Script to automate mGuard evaluation		08/31/2023 09:20 PM	
5293	mGuard	Task	New	Normal	Modify data generator to be configurable via command line	Adam Thieme	09/14/2023 09:48 PM	
5294	mGuard	Task	New	Normal	add time-based attributes to producer/publisher code		08/31/2023 10:16 PM	
5295	mGuard	Task	New	Normal	Application needs to be able to configure time granularity		08/31/2023 10:17 PM	
5296	mGuard	Task	New	Normal	bundle datapoints based on attributes		08/31/2023 10:18 PM	
5301	mGuard	Task	New	Normal	Change semantic location window to formatted timestamp	Adam Thieme	11/21/2023 09:57 PM	
5302	mGuard	Task	New	Normal	Change all timestamps to unix time	Adam Thieme	11/21/2023 09:59 PM	
5306	mGuard	Task	New	Normal	Fix Waf Scripts	Adam Thieme	01/24/2024 04:08 AM	
5307	mGuard	Bug	New	Normal	ck+encrypted data bug		01/09/2024 09:31 PM	
5317	mGuard	Task	New	Normal	Facilitate New Users/Policies		04/05/2024 09:33 PM	
5269	mGuard	Feature	New	Low	Parser Time-based attribute fix	Adam Thieme	08/19/2023 12:51 AM	
2942	mini-ndn	Task	New	High	Configure experiment parameters using configuration file		09/13/2020 11:34 AM	
3051	mini-ndn	Task	Code review	High	Investigate Mininet's per-host private directories feature for NFD socket file	Damian Coomes	09/13/2020 11:55 AM	
3053	mini-ndn	Task	New	High	Design automatic integration test triggering by Jenkins		09/15/2015 12:03 PM	
4952	mini-ndn	Task	New	High	Minindn nodes have no their separated namespaces		06/08/2019 11:16 AM	minindn-simulator, environment variable, namespace
5246	mini-ndn	Bug	New	High	Setting link parameters via topology conf file broken in Mini-NDN-Wifi		11/06/2022 11:26 AM	topology, mininet-wifi
5316	mini-ndn	Bug	In Progress	High	Resolution to bug #5309 not supporting PPAs	Alexander Lane	04/04/2024 06:13 PM	
2789	mini-ndn	Task	New	Normal	Add verification test for minindn		05/05/2015 02:06 PM	
2939	mini-ndn	Task	New	Normal	Static IP addresses should be assignable to nodes		09/13/2020 10:25 AM	
2943	mini-ndn	Task	New	Normal	Collect statistics during experiment		09/13/2020 11:35 AM	
2945	mini-ndn	Task	New	Normal	Display statistics during collection		09/13/2020 11:49 AM	
2947	mini-ndn	Task	New	Normal	Add ability to save statistics to file after an experiment has run		09/13/2020 11:50 AM	
3038	mini-ndn	Bug	Resolved	Normal	Xterm for node does not have home folder set		05/04/2017 07:04 PM	
3054	mini-ndn	Bug	New	Normal	In Mini-NDN hosts cannot reach non neighbors		10/25/2016 08:14 AM	
3055	mini-ndn	Task	New	Normal	Investigate feasibility of integration tests which require Ethernet Face support		07/17/2015 12:43 PM	
3056	mini-ndn	Task	New	Normal	Add ability to specify name prefixes announced by NLSR on a node		07/17/2015 01:17 PM	

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3057	mini-ndn	Task	New	Normal	Add framework to add user application configuration to GUI		07/17/2015 01:20 PM	
3271	mini-ndn	Task	New	Normal	Add automatic testing of Mini-NDN patches on gerrit		12/21/2017 04:10 PM	
3978	mini-ndn	Feature	New	Normal	Design a mechanism to test NLSR with muliplte networks in the same topology		09/13/2020 11:55 AM	
3993	mini-ndn	Bug	New	Normal	Older version of Mininet should not break execution		03/13/2017 11:28 AM	
4069	mini-ndn	Task	New	Normal	Investigate Mini-NDN topology link setup		12/21/2017 04:07 PM	
4078	mini-ndn	Task	New	Normal	Use popen in ndn_application		06/07/2018 07:40 AM	
4114	mini-ndn	Bug	New	Normal	Minindredit writes the same hostname for each node without any error		12/21/2017 04:32 PM	
4141	mini-ndn	Task	In Progress	Normal	Develop some experiment/examples with common client libraries	Damian Coomes	09/13/2020 11:54 AM	
4308	mini-ndn	Task	New	Normal	Look into using docker/docker containers		01/14/2022 09:41 PM	
4329	mini-ndn	Feature	New	Normal	Support per-node, arbitrary actions at different points during an experiment.		12/21/2017 04:29 PM	
4330	mini-ndn	Feature	New	Normal	Specifying per-node delays at topology setup		12/21/2017 04:28 PM	
4338	mini-ndn	Task	New	Normal	Use persistent face instead of permanent face for NLSR in Mini-NDN		10/20/2017 10:51 AM	
4366	mini-ndn	Feature	In Progress	Normal	Add Wifi capability using Mininet-Wifi	Alexander Lane	08/12/2019 11:38 AM	
4381	mini-ndn	Task	In Progress	Normal	Investigate porting NFD integration tests to Mini-NDN environment	Alexander Lane	12/04/2018 06:05 AM	
4385	mini-ndn	Task	Code review	Normal	Make NLSR logs available online when the bot fails	Alexander Lane	05/30/2018 12:49 PM	
4436	mini-ndn	Feature	Code review	Normal	Provide API to run ndndump on nodes	Alexander Lane	09/13/2020 11:56 AM	
4481	mini-ndn	Bug	New	Normal	Investigate creating /ndn in user's home folder instead of /tmp		01/30/2018 12:42 PM	
4536	mini-ndn	Feature	In Progress	Normal	Allow NLSR bot to test NLSR against release versions of ndn-cxx, NFD	Alexander Lane	05/30/2018 02:05 PM	
4613	mini-ndn	Task	New	Normal	Move from scripting NFDC to directly interfacing with NFD Management		05/18/2018 10:42 AM	
4616	mini-ndn	Task	New	Normal	Test VANET capabilities		05/21/2018 10:15 AM	wifi
4617	mini-ndn	Task	New	Normal	Test SUMO capabilities		05/21/2018 10:36 AM	wifi
4619	mini-ndn	Task	New	Normal	Factor mininet into import calls		05/23/2018 12:02 PM	
4625	mini-ndn	Feature	In Progress	Normal	Add support for the tshark NDN dissector	Alexander Lane	06/29/2018 08:50 AM	
4638	mini-ndn	Task	In Progress	Normal	Allow manual specification of experiment module in ExperimentManager	Alexander Lane	06/20/2018 09:39 AM	mininet-wifi
4644	mini-ndn	Bug	New	Normal	Mini-NDN checks for nlsr dependency with --no-nlsr option		06/27/2018 09:42 AM	
4711	mini-ndn	Feature	New	Normal	Check for duplicate hyperbolic coordinates while parsing topology file	Saurab Dulal	08/15/2018 10:24 AM	
4792	mini-ndn	Bug	New	Normal	NFDC does not work when ran through popen		06/19/2019 04:34 AM	
4801	mini-ndn	Task	New	Normal	Add documentation to show NLSR setup with switches in topology		01/07/2019 10:25 AM	

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4878	mini-ndn	Feature	New	Normal	Run NLSR experiments with ASF strategy set on /	Saurab Dulal	12/19/2021 01:02 PM	
5063	mini-ndn	Task	New	Normal	Define a code style for Mini-NDN and deploy a PyLint bot to comment on gerrit		09/13/2020 11:54 AM	
5092	mini-ndn	Task	New	Normal	Pass net object to routing helper, and call net.stop() instead of exit() in case of errors	Saurab Dulal	03/16/2020 09:20 PM	
5094	mini-ndn	Task	New	Normal	Document mini-ndn topologies		03/18/2020 08:36 AM	
5125	mini-ndn	Bug	New	Normal	While creating Minindn object in topology script, and running the script, always print out "Dummy key chain patch is installed in ndn-cxx. Security will be disabled."		08/12/2020 02:48 PM	
5132	mini-ndn	Task	New	Normal	NLSR convergence time		03/30/2022 02:49 PM	
5168	mini-ndn	Task	New	Normal	Write documentation for the examples		06/04/2021 12:59 PM	
5170	mini-ndn	Task	New	Normal	Avoid using default topologies		06/10/2021 10:42 AM	
5174	mini-ndn	Task	New	Normal	ndnRoutingHelper: Use nfdc batch command to install route		06/24/2021 03:12 PM	
5208	mini-ndn	Task	New	Normal	Allow for batch processing of Nfdc face creation		05/24/2022 12:11 PM	
5230	mini-ndn	Task	New	Normal	Add notes about NFD log level related packet loss to documentation	Alexander Lane	07/05/2022 02:18 PM	
5231	mini-ndn	Task	New	Normal	Set default access point/IP switch behavior to ignore SDN features		07/12/2022 10:45 AM	
5232	mini-ndn	Feature	New	Normal	Face creation via topology and enable users to run NLSR in Mini-NDN-Wifi	Alexander Lane	07/18/2022 05:32 PM	
5234	mini-ndn	Bug	In Progress	Normal	Broken mobility bounds in Mini-NDN	Alexander Lane	08/08/2022 04:56 PM	mobility
5252	mini-ndn	Feature	New	Normal	Allow scripts to define custom configuration options for NLSR and NFD	Dylan Hensley	02/14/2023 08:20 PM	
5264	mini-ndn	Feature	Code review	Normal	Allow permanent faces in NDNRoutingHelper	Alexander Lane	05/22/2023 11:35 PM	
5314	mini-ndn	Task	New	Normal	Automatically install utilities needed for doc generation in NDN dependencies	Alexander Lane	04/02/2024 06:20 PM	
5318	mini-ndn	Feature	In Progress	Normal	Move NFD/NLSR configuration modification to be executed internally via infoconv	Alexander Lane	04/10/2024 09:35 PM	
3575	mini-ndn	Task	New	Low	Use default_level from nfd.conf as default nfd-log-level		04/01/2016 07:38 AM	
5263	mini-ndn	Bug	Code review	Low	Support floating point bandwidth in topology files	Alexander Lane	05/22/2023 11:57 PM	
4653	NAC	Task	New	Normal	Should the new code be hard-wired to AES_CBC?		07/06/2018 01:40 PM	
4678	NAC	Task	New	Normal	Use onFailure instead of BOOST_THROW_EXCEPTION in Decryptor::doDecrypt?		07/23/2018 01:56 PM	
4715	NAC	Task	New	Normal	In addMember, limit the secret bytes to 1 through 127		08/17/2018 04:59 PM	
5150	NAC	Feature	New	Normal	Implement access revocation		08/28/2023 04:55 AM	
2326	named-data.net	Feature	New	Normal	Monitor remaining disk space		12/31/2016 01:08 PM	
4061	named-data.net	Bug	New	Normal	500 error when pasting "Beer Mug Emoji"		04/20/2017 10:59 AM	

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3890	NDN Control Center	Task	New	Normal	Identity management module		12/14/2016 12:59 PM	
3901	NDN Control Center	Task	New	Normal	Create bash-completion script for `ndn` command		12/23/2016 07:23 PM	
1014	NDN in the browser	Bug	New	Normal	Address bar reverts to interest selector when leaving and returning to a tab		05/20/2023 06:22 AM	
1016	NDN in the browser	Bug	New	Normal	Firefox NDN toolbar should report if can't connect to a hub		05/20/2023 06:22 AM	
1017	NDN in the browser	Bug	New	Normal	Firefox add-on should try to reconnect if connection drops		05/20/2023 06:21 AM	
3401	NDN in the browser	Bug	Resolved	Normal	Firefox extension is unsigned		05/20/2023 06:21 AM	
3402	NDN in the browser	Feature	New	Normal	TLS WebSocket endpoint on testbed		07/24/2017 07:45 AM	
3422	NDN in the browser	Task	New	Normal	ndn protocol add-on: Rewrite deprecated XPCOM and XUL		05/20/2023 06:21 AM	
3584	NDN in the browser	Task	New	Normal	Micro Forwarder: Update the Hackathon page		04/01/2016 04:14 PM	
3611	NDN in the browser	Task	New	Normal	Micro Forwarder README		05/20/2023 06:22 AM	
1285	NDN Specifications	Feature	New	Normal	Tunnel Authentication protocol		01/13/2022 07:20 PM	
1746	NDN Specifications	Task	New	Normal	Request TCP port from IANA	Lixia Zhang	01/13/2018 07:00 PM	
1747	NDN Specifications	Task	In Progress	Normal	Request IPv4 and IPv6 multicast addresses from IANA	Alex Afanasyev	01/13/2018 06:51 PM	
1748	NDN Specifications	Task	New	Normal	Request Ethertype from IEEE	Lixia Zhang	09/01/2014 08:21 PM	
2899	NDN Specifications	Feature	New	Normal	DigestSha256 vs CRC-32C		05/25/2023 08:28 PM	needs-discussion
2901	NDN Specifications	Feature	New	Normal	CompressionType and EncryptionType in MetaInfo		05/25/2023 08:28 PM	needs-discussion
3283	NDN Specifications	Feature	New	Normal	Multiple signature design		01/13/2022 07:02 PM	needs-discussion
3475	NDN Specifications	Task	New	Normal	Explore approach to packet prioritization	Jeff Burke	08/26/2020 04:46 PM	needs-discussion
3592	NDN Specifications	Feature	New	Normal	Design mechanism to reliably identify content object name		05/27/2017 09:31 AM	
3804	NDN Specifications	Feature	New	Normal	SignatureHmacWithSha256_128		07/29/2023 08:48 PM	needs-discussion

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4666	NDN Specifications	Feature	New	Normal	Namespace catalog protocol		08/26/2020 04:37 PM	needs-discussion
5000	NDN Specifications	Feature	New	Normal	ForwardingHint protocol specification	Lixia Zhang	05/03/2020 07:55 AM	
2575	NDN-CCL	Bug	New	High	Unspecified fields should not be present in packets		03/09/2015 01:43 PM	
2628	NDN-CCL	Bug	New	High	Default value for Interest.Selectors.MustBeFresh should be false		02/08/2016 10:08 PM	
4988	NDN-CCL	Feature	New	High	Encode Interests to PacketFormat03		10/04/2019 12:56 PM	Packet03Transition
1047	NDN-CCL	Bug	New	Normal	The removeRegisteredPrefix API should "unregister" from the forwarding daemon		07/18/2017 03:51 PM	
2075	NDN-CCL	Feature	New	Normal	The library should have an API to inform the application when the connection is lost to the forwarder		07/28/2016 01:33 PM	
2571	NDN-CCL	Feature	New	Normal	Reconsider the need for ConnectionInfo abstractions	Jeff Burke	03/09/2015 12:53 PM	
2576	NDN-CCL	Feature	New	Normal	ForwardingFlags should be removed	Jeff Burke	04/06/2019 01:04 PM	
4655	NDN-CCL	Task	In Progress	Normal	Port new name-based access control library		11/07/2018 12:05 PM	
4999	NDN-CCL	Bug	New	Normal	CI documentation build relies on Python 2		10/03/2019 07:21 PM	
5099	NDN-CCL	Task	New	Normal	NFD socket file moved to /run/nfd.sock on Linux		04/08/2020 11:44 AM	
2569	NDN-CCL	Feature	New	Low	Reconsider necessity for "Node" class		03/09/2015 12:56 PM	
4696	ndn-cxx	Feature	New	High	SegmentPublisher: segmentation utility		11/04/2022 08:50 PM	API
1516	ndn-cxx	Task	New	Normal	Add howto/hands-on manual on creating certificates		10/07/2023 09:15 PM	documentation, security
1776	ndn-cxx	Task	New	Normal	Transport: ensure all packets are sent before closing socket		06/05/2018 08:45 PM	
1785	ndn-cxx	Bug	New	Normal	Face: transport is never paused after pushing Data		01/23/2018 11:19 PM	
1948	ndn-cxx	Task	New	Normal	Run integrated tests for every Jenkins build		06/27/2018 01:39 AM	
2064	ndn-cxx	Task	New	Normal	Declare environment for integrated tests		10/14/2014 09:25 AM	
2069	ndn-cxx	Task	New	Normal	Write tests for ndnsec		10/07/2023 09:20 PM	unit-tests
2137	ndn-cxx	Task	New	Normal	Provide simple examples with Makefile, automake, waf to build against ndn-cxx library		06/11/2021 03:50 PM	documentation
2208	ndn-cxx	Task	New	Normal	Implement "Listening" TCP/UDP transport		11/21/2014 01:49 PM	
2221	ndn-cxx	Task	New	Normal	Face: unit test coverage for specifying signing identity/certificate in prefix registration		02/14/2019 09:43 PM	unit-tests
2263	ndn-cxx	Task	New	Normal	code-style: Doxygen syntax		02/21/2019 09:17 AM	
2293	ndn-cxx	Feature	New	Normal	Controller: stop-and-wait		01/15/2021 03:52 PM	
2393	ndn-cxx	Feature	New	Normal	ndnsec: update TpmLocator in PIB		06/15/2021 06:01 PM	
2455	ndn-cxx	Task	New	Normal	code-style: noncopyable		01/23/2018 09:51 PM	
2488	ndn-cxx	Feature	New	Normal	Asynchronous API for data signing		12/01/2017 01:20 PM	

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2614	ndn-cxx	Task	New	Normal	code-style: line width		01/23/2018 09:51 PM	
2658	ndn-cxx	Feature	New	Normal	Face::unregisterPrefix and Face::unsetInterestFilter(RegisteredPrefixHandle): success/failure callbacks		02/18/2019 09:02 PM	
2720	ndn-cxx	Bug	New	Normal	Face::unsetInterestFilter is ineffective before registration completes		06/30/2015 12:24 PM	
2828	ndn-cxx	Feature	New	Normal	Add Pattern Inference in NDN Regular Expression	Qiuhan Ding	07/17/2015 09:24 PM	
2834	ndn-cxx	Feature	Feedback	Normal	Make regex more strict		01/23/2018 11:18 PM	
2835	ndn-cxx	Feature	Feedback	Normal	Change backref symbol in regular expression		01/23/2018 11:17 PM	
2859	ndn-cxx	Feature	New	Normal	Explicitly export public symbols		08/28/2021 07:31 PM	
2999	ndn-cxx	Feature	New	Normal	Block scatter/gather support		06/30/2015 09:12 AM	
3028	ndn-cxx	Feature	New	Normal	ForwarderStatus: RouterName		08/17/2015 08:03 PM	
3075	ndn-cxx	Feature	In Progress	Normal	Design support for SignatureHmacWithSha256		10/07/2023 09:35 PM	security
3101	ndn-cxx	Task	New	Normal	Exception safety of Face::onReceiveElement		08/31/2015 11:10 AM	
3216	ndn-cxx	Feature	New	Normal	Copy-on-write buffer abstraction and refactor Block		10/17/2017 01:15 PM	
3217	ndn-cxx	Feature	New	Normal	Avoid memory copy when creating Ip::Packet from Fragment		01/25/2018 01:12 PM	
3393	ndn-cxx	Task	New	Normal	Create infrastructure for documentation currently in ndn-cxx developer's guide	Alex Afanasyev	01/23/2018 11:20 PM	
3412	ndn-cxx	Feature	New	Normal	SegmentFetcher: onError signal should report more specific failure information		06/02/2018 06:42 PM	
3553	ndn-cxx	Feature	New	Normal	Logging facility: bounded record queue		06/07/2020 10:45 AM	logging
3561	ndn-cxx	Task	New	Normal	Add a FOO_MAX enumerator to all public enumerations		06/29/2020 11:47 PM	API
3663	ndn-cxx	Feature	New	Normal	NotificationSubscriber: Validator		02/12/2018 12:28 PM	
3667	ndn-cxx	Feature	New	Normal	Logging facility: synchronous sink frontend		06/29/2020 11:46 PM	logging, API
3726	ndn-cxx	Feature	New	Normal	Controller logging		06/07/2020 10:47 AM	logging
3803	ndn-cxx	Bug	New	Normal	Default-constructed Link is encoded with ContentType==BLOB if no delegation is added		05/27/2022 03:47 AM	
3816	ndn-cxx	Feature	New	Normal	KeyRollover for high-rate data		07/07/2017 12:36 AM	
3896	ndn-cxx	Bug	New	Normal	FaceUri::parse doesn't reject some invalid unix:// URIs		08/28/2017 07:15 PM	
3897	ndn-cxx	Bug	New	Normal	FaceUri::canonize doesn't always validate the port number		08/28/2017 07:15 PM	
3907	ndn-cxx	Feature	New	Normal	Certificate API to enumerate extensions		06/29/2020 11:46 PM	security, API
3916	ndn-cxx	Task	New	Normal	Rewrite security tutorial		06/07/2020 05:50 PM	security, documentation
3917	ndn-cxx	Feature	New	Normal	Implement InMemoryStorageTimeout		11/04/2022 09:07 PM	API
4019	ndn-cxx	Feature	New	Normal	"ad hoc" detection on macOS		06/08/2020 05:43 PM	macOS
4020	ndn-cxx	Feature	In Progress	Normal	"ad hoc" detection on Linux	Davide Pesavento	10/04/2018 08:33 PM	



#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Tags
4100	ndn-cxx	Bug	New	Normal	FaceUri::parse doesn't reject IPv4 addresses with v6 scheme (and vice versa)		08/28/2017 07:15 PM	
4221	ndn-cxx	Feature	New	Normal	Relax decoding of out-of-order TLV sub-elements in NFD management protocol		09/26/2018 02:47 PM	
4324	ndn-cxx	Feature	In Progress	Normal	FaceUri: per-scheme parsing	Davide Pesavento	12/29/2023 06:06 PM	
4350	ndn-cxx	Feature	New	Normal	Combine the direct fetch and key bundle		10/19/2017 10:47 AM	
4537	ndn-cxx	Bug	New	Normal	Validator doesn't properly handle exceptions from the callbacks		03/05/2018 08:19 PM	
4550	ndn-cxx	Feature	New	Normal	Improve AES support in security::transform		01/13/2022 08:00 PM	security, API
4569	ndn-cxx	Bug	In Progress	Normal	Default-constructed MetalInfo does not equal MetalInfo decoded with default values	Davide Pesavento	08/25/2019 08:16 PM	
4699	ndn-cxx	Feature	New	Normal	Dispatcher: use SegmentPublisher in StatusDatasetContext		08/07/2018 02:00 PM	
4776	ndn-cxx	Feature	New	Normal	Re-design SegmentFetcher		08/26/2020 04:36 PM	API, needs-discussion
4880	ndn-cxx	Task	New	Normal	Add randomness to exponential retry on Nack in CertificateFetcherFromNetwork		02/12/2021 10:57 AM	
4882	ndn-cxx	Task	New	Normal	Improve "NDN Regular Expression" documentation		02/20/2024 02:54 AM	documentation
4959	ndn-cxx	Bug	New	Normal	operator<<(std::ostream&, const Data&) may throw	Davide Pesavento	09/17/2022 03:03 PM	
5004	ndn-cxx	Feature	In Progress	Normal	CertificateBundle encoding and decoding		12/01/2023 08:22 PM	CertificateBundle
5005	ndn-cxx	Feature	New	Normal	CertificateBundle publisher		12/01/2023 08:24 PM	CertificateBundle
5006	ndn-cxx	Feature	New	Normal	CertificateBundle producer		12/01/2023 08:23 PM	CertificateBundle
5007	ndn-cxx	Feature	New	Normal	CertificateBundle fetcher		12/01/2023 08:25 PM	CertificateBundle
5111	ndn-cxx	Feature	New	Normal	ndnsec export/import: include multiple certificates in SafeBag		06/03/2020 09:54 AM	security
5113	ndn-cxx	Feature	New	Normal	Override certificate name parts in KeyLocator		04/17/2022 09:44 AM	security
5121	ndn-cxx	Feature	Code review	Normal	Reserve and enforce restriction for /localhost/identity namespace	Alex Afanasyev	09/17/2022 03:05 PM	
5126	ndn-cxx	Bug	New	Normal	Unreliable (or ill-designed?) test case Encoding/TestBlock/Construction/FromBlock		12/08/2023 07:12 PM	unit-tests
5148	ndn-cxx	Feature	New	Normal	ValidatorConfig: multiple sig-type restrictions in a single checker		12/01/2023 08:41 PM	ValidatorConfig
5177	ndn-cxx	Feature	New	Normal	Command interest replay detection by (timestamp, nonce)-tuples		01/11/2022 05:43 PM	security
5209	ndn-cxx	Feature	New	Normal	Ed25519 signature type		08/23/2023 11:50 PM	Ed25519, security
5241	ndn-cxx	Task	New	Normal	Redesign support for HMAC keys		08/24/2023 08:00 PM	security, openssl
5280	ndn-cxx	Bug	New	Normal	ValidityPeriod.NotAfter=99991231T235959 truncated		08/07/2023 06:20 PM	
5291	ndn-cxx	Feature	New	Normal	Deterministic ECDSA signing		11/23/2023 07:58 PM	security, openssl
5303	ndn-cxx	Feature	In Progress	Normal	Dockerfile for ndn-cxx ecosystem	Davide Pesavento	04/09/2024 09:27 PM	docker
5313	ndn-cxx	Feature	New	Normal	ValidatorConfig: specify signed Interest fields		02/23/2024 07:26 PM	ValidatorConfig
1204	ndn-cxx	Task	New	Low	Redesign of signing process / Per-instance signing keys		11/18/2014 09:59 PM	
1604	ndn-cxx	Feature	New	Low	syslog & journald log destinations		12/14/2023 02:23 AM	logging, systemd

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Tags
1840	ndn-cxx	Feature	New	Low	Make ndn URI resolution RFC3986-compliant		06/11/2021 03:52 PM	
2406	ndn-cxx	Bug	New	Low	Incorrect dependency calculation for version.hpp		12/01/2023 07:15 PM	waf
2409	ndn-cxx	Bug	New	Low	Headers check fails on FreeBSD		10/31/2023 11:58 PM	FreeBSD
2529	ndn-cxx	Task	New	Low	code-style: line continuation		05/27/2022 12:04 AM	
4157	ndn-cxx	Bug	New	Low	ndnsec-export: confusing error message when getpass is unavailable		06/15/2021 06:28 PM	
4342	ndn-cxx	Feature	New	Low	KeyChain helpers		06/29/2020 11:45 PM	security, API
4754	ndn-cxx	Task	New	Low	tpm::BackEndOsx uses deprecated macOS functions		07/19/2022 02:26 PM	code-cleanup, security, macOS
4859	ndn-cxx	Bug	New	Low	libndn-cxx.pc installed in wrong location on FreeBSD		10/31/2023 11:57 PM	FreeBSD
5097	ndn-cxx	Feature	New	Low	Distinguish DOWN and NO_CARRIER in NetworkMonitor for macOS		06/08/2020 05:41 PM	macOS
3193	ndn-sci	Task	New	Immediate	Add a metadata field in the Database		09/09/2015 06:45 PM	
2886	ndn-sci	Task	New	High	Define publication protocol	susmit shannigrahi	06/12/2015 11:14 AM	
2902	ndn-sci	Task	New	High	Create a website for ndn-atmos	Tyler Scott	06/17/2015 09:35 AM	
2598	ndn-sci	Task	New	Normal	Write Catalog README.md		03/02/2015 01:06 PM	
2616	ndn-sci	Task	New	Normal	Document trust model		03/03/2015 05:51 PM	
2693	ndn-sci	Task	New	Normal	Need to discuss journal paper		03/24/2015 01:30 PM	
2726	ndn-sci	Task	New	Normal	Load repos with CMIP5 data	Chengyu Fan	04/15/2015 09:18 PM	
2770	ndn-sci	Task	In Progress	Normal	base catalog version on ChronoSync	Chengyu Fan	10/14/2015 01:16 PM	
2771	ndn-sci	Task	New	Normal	mock "union" search capability		04/27/2015 09:02 AM	
2772	ndn-sci	Task	New	Normal	Implement union search		04/27/2015 09:02 AM	
2773	ndn-sci	Task	New	Normal	Design metadata searches		04/27/2015 09:04 AM	
2774	ndn-sci	Task	New	Normal	Design minimal search language		04/27/2015 09:05 AM	
2775	ndn-sci	Task	New	Normal	Design an improved query search result UI		04/27/2015 09:07 AM	
2797	ndn-sci	Bug	New	Normal	Query result prefix is incorrect		05/07/2015 09:37 AM	
2813	ndn-sci	Bug	New	Normal	client did not send query Interests		06/12/2015 12:36 PM	
2821	ndn-sci	Task	New	Normal	Fix output format for the translator	susmit shannigrahi	05/15/2015 09:59 AM	
2822	ndn-sci	Task	New	Normal	Move the sql code out of the code and in a config file.		05/15/2015 10:20 AM	
2885	ndn-sci	Task	New	Normal	Publication data packets schema		06/12/2015 09:50 AM	
2887	ndn-sci	Task	In Progress	Normal	Implement Publish Agent and Adapter	susmit shannigrahi	07/14/2015 02:16 PM	
2894	ndn-sci	Task	New	Normal	Create NDN topology on the testbed		06/12/2015 02:09 PM	
2917	ndn-sci	Task	New	Normal	Define AND, OR and NOT language for discovery		06/17/2015 01:08 PM	
2918	ndn-sci	Task	New	Normal	Move autocomplete to the backend		06/17/2015 01:11 PM	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Tags
3001	ndn-sci	Task	New	Normal	Frontend doesn't work with Chrome		06/30/2015 01:57 PM	
3035	ndn-sci	Bug	In Progress	Normal	catalog throws runtime errors	Chengyu Fan	07/14/2015 02:05 PM	
3094	ndn-sci	Task	New	Normal	calculate the payload limit based on the configuration	Chengyu Fan	08/11/2015 01:14 PM	
3095	ndn-sci	Task	New	Normal	Enable multi-threads publication		08/11/2015 01:27 PM	
3096	ndn-sci	Task	New	Normal	producer should be able to publish dataset names using multiple data packet		08/11/2015 01:30 PM	
3180	ndn-sci	Bug	New	Normal	malformed help output	Chengyu Fan	09/08/2015 09:52 AM	
3181	ndn-sci	Bug	New	Normal	atoms-catalog crashes if no configurations file available/specified	Chengyu Fan	09/09/2015 07:34 PM	
3182	ndn-sci	Bug	New	Normal	atoms-catalog crashes if database is not available		09/08/2015 09:58 AM	
3183	ndn-sci	Bug	New	Normal	atoms-catalog crashes if user/password is incorrect	Chengyu Fan	09/08/2015 10:00 AM	
3184	ndn-sci	Bug	New	Normal	default catalog configuration should use meaningful names	Chengyu Fan	09/08/2015 10:20 AM	
3185	ndn-sci	Bug	New	Normal	onConfig does not validate configuration in dry perform dry run	Chengyu Fan	09/08/2015 10:32 AM	
3186	ndn-sci	Bug	New	Normal	catalog requires signingId to be explicitly set in configuration	Chengyu Fan	09/08/2015 10:36 AM	
3187	ndn-sci	Bug	New	Normal	/ndn/broadcast strategy renamed to /ndn/multicast in NFD-0.3.4	Chengyu Fan	09/08/2015 10:41 AM	
3188	ndn-sci	Bug	New	Normal	catalog should not generate errors during database initialization	Chengyu Fan	09/08/2015 11:06 AM	
3189	ndn-sci	Task	New	Normal	Use logging in catalog	Chengyu Fan	09/08/2015 01:50 PM	
3190	ndn-sci	Bug	New	Normal	catalog ID should be based off active signing key	Chengyu Fan	09/08/2015 02:58 PM	
3191	ndn-sci	Bug	New	Normal	onQueryResultsInterest does not handle cache miss	Chengyu Fan	09/08/2015 03:04 PM	
4486	ndn-sci	Task	New	Normal	NDN Performance evaluation for scientific data - request for comments		02/02/2018 03:04 PM	
3197	ndn-tools	Feature	Feedback	Normal	Wireshark dissector: NDNLv2		11/23/2016 06:43 AM	
3198	ndn-tools	Feature	New	Normal	Wireshark dissector: NDNLv2 reassembly		09/11/2015 05:40 PM	
3243	ndn-tools	Feature	New	Normal	ndndump: follow TCP stream		08/05/2018 03:09 PM	
3690	ndn-tools	Feature	New	Normal	ndncatchunks: add option to write received data to a file		07/29/2016 10:02 PM	
3867	ndn-tools	Task	New	Normal	autoconfig: move from NFD repository	Davide Pesavento	02/17/2019 03:58 PM	
3902	ndn-tools	Bug	New	Normal	ndncatchunks with AIMD pipeline randomly hangs after transfer is complete		10/07/2023 09:55 PM	
4518	ndn-tools	Feature	New	Normal	Wireshark dissector: don't interpret name components as elements denoted by TLV-TYPE		04/23/2020 01:11 PM	Packet03Transition
4590	ndn-tools	Feature	Feedback	Normal	dissect: recognize NDNLv2 and Packet Format 0.3 elements		10/10/2019 09:25 AM	Packet03Transition
4637	ndn-tools	Task	New	Normal	ndncatchunks: use SegmentFetcher		06/07/2020 10:31 AM	code-cleanup
4695	ndn-tools	Feature	New	Normal	ndndump: display Ethernet addresses		08/05/2018 02:59 PM	
4820	ndn-tools	Feature	New	Normal	Wireshark dissector: follow TCP stream		01/28/2019 10:29 AM	
4851	ndn-tools	Feature	Code review	Normal	chunks: integrate NAC		02/20/2024 02:55 AM	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Tags
4866	ndn-tools	Bug	New	Normal	ndnputchunks consumes a large amount of RAM		01/27/2020 02:45 PM	
4893	ndn-tools	Feature	New	Normal	ndncatchunks: have Consumer use ValidatorConfig		12/01/2023 08:43 PM	ValidatorConfig
5034	ndn-tools	Feature	Code review	Normal	ndncatchunks: enhanced tracing		10/26/2019 09:58 PM	
5119	ndn-tools	Feature	New	Normal	Mechanism to learn if a given name prefix is registered with a remote NFD		05/01/2022 04:41 PM	needs-discussion
5156	ndn-tools	Bug	New	Normal	ndncatchunks: m_nInFlight > 0 assertion failed when transferring large file		04/06/2021 06:00 PM	
5243	ndn-tools	Bug	New	Normal	Goodput is zero on ARMv7		10/04/2022 04:58 PM	
2794	ndn-tools	Task	New	Low	ping: improve the accuracy of stddev computation		05/07/2015 11:00 AM	
3843	ndn-tools	Feature	New	Low	ndncatchunks: Implement throughput tracer		02/06/2019 03:37 PM	
4798	ndn-tools	Bug	New	Low	Dump/TestNdnDump/MalformedIpv4Header fails on FreeBSD 11.2		10/31/2023 11:57 PM	FreeBSD
3994	ndncert	Task	New	Normal	Add validator instance for each CA		03/13/2017 12:47 PM	
4042	ndncert	Task	New	Normal	Expand scope of PROBE to support more than namespace assignment		06/02/2022 02:32 PM	
4043	ndncert	Task	New	Normal	Infinite size issue of CA's storage		04/11/2017 03:21 PM	
4346	ndncert	Feature	New	Normal	Need trust anchor storage support from ndn-cxx		10/18/2017 12:37 PM	
4348	ndncert	Task	New	Normal	Get rid of the long term storage assumption from NDN CERT CA design		03/15/2018 03:02 AM	
4977	ndncert	Feature	New	Normal	ndncert-client: non-interactive mode		09/10/2019 11:28 AM	
4976	ndncert	Task	New	Low	Add unit tests for command line tools		11/22/2021 11:57 PM	
2674	ndnrct	Feature	New	High	[NdnCon] UX/UI design		10/31/2016 03:33 PM	
2682	ndnrct	Feature	New	High	[NdnCon] Stream consuming indication		03/23/2015 12:42 PM	
2683	ndnrct	Feature	New	High	[NdnCon] Edit media threads on-the-fly		03/23/2015 12:43 PM	
2687	ndnrct	Feature	Resolved	High	[NdnCon] Make "Start publishing" function more obvious	Peter Gusev	10/31/2016 03:29 PM	
2688	ndnrct	Bug	Resolved	High	[NdnCon] Adding new user		10/31/2016 03:30 PM	
2689	ndnrct	Feature	Resolved	High	[NdnCon] Status for fetching audio streams.		10/31/2016 03:30 PM	
2703	ndnrct	Bug	New	High	[NdnCon] Make possible to choose different than system audio input.		04/01/2015 11:32 PM	
5088	ndnrct	Task	New	High	NDNRCTC support on Ubuntu 18.04		03/04/2020 12:44 PM	
1844	ndnrct	Bug	New	Normal	Compilation in C++11 mode broken	Peter Gusev	08/14/2014 10:42 PM	
1845	ndnrct	Feature	New	Normal	WebRTC compilation against clang/libc++ on OSX 10.9 (mavericks)		08/11/2014 07:42 PM	
2655	ndnrct	Feature	New	Normal	[NdnCon] Make specifying user prefix and name easier	Peter Gusev	03/23/2015 12:12 PM	
2656	ndnrct	Feature	New	Normal	[NdnCon] Statistics window defaults to video stream	Peter Gusev	03/23/2015 12:11 PM	
2675	ndnrct	Bug	New	Normal	[NdnCon] Live statistics on publisher	Peter Gusev	03/23/2015 12:17 PM	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Tags
2676	ndnrtc	Feature	New	Normal	[NdnCon] Default to FaceTime camera	Peter Gusev	03/23/2015 12:19 PM	
2678	ndnrtc	Feature	New	Normal	[NdnCon] Full screen video	Peter Gusev	03/23/2015 12:21 PM	
2679	ndnrtc	Feature	Resolved	Normal	[NdnCon] More space for the video		10/31/2016 03:28 PM	
2681	ndnrtc	Feature	Resolved	Normal	[NdnCon] UI performance issues		10/31/2016 03:28 PM	
2684	ndnrtc	Feature	Resolved	Normal	[NdnCon] Mute/unmute media streams		02/28/2016 08:40 AM	
2685	ndnrtc	Feature	New	Normal	[NdnCon] Multi-party conferencing instructions		03/23/2015 12:32 PM	
2706	ndnrtc	Feature	Resolved	Normal	[NdnCon] Check stream status updates		10/31/2016 03:31 PM	
2708	ndnrtc	Bug	Resolved	Normal	[NdnCon] CPU load improvements		10/31/2016 03:32 PM	
2710	ndnrtc	Feature	New	Normal	[NdnCon] Volume control	Peter Gusev	03/30/2015 09:42 AM	
3242	ndnrtc	Bug	New	Normal	[NdnCon] fail to discover chatrooms with tpm-file		10/07/2015 11:33 AM	
3245	ndnrtc	Bug	New	Normal	[NdnCon] segfault after adding two threads with same names to an audio stream		10/07/2015 01:43 PM	
3246	ndnrtc	Bug	Resolved	Normal	[NdnCon] cannot quit from Dock during fetching		10/31/2016 03:36 PM	
3247	ndnrtc	Bug	New	Normal	[NdnCon] crash after stop publishing		10/07/2015 03:09 PM	
3250	ndnrtc	Bug	New	Normal	[NdnCon] crash after entering very long username		10/08/2015 01:49 PM	
3473	ndnrtc	Bug	New	Normal	[NdnCon] chatroom message scroll position not preserved upon maximize		02/24/2016 03:16 PM	
3477	ndnrtc	Feature	New	Normal	Silence Suppression	Peter Gusev	03/04/2016 04:05 PM	
3481	ndnrtc	Feature	New	Normal	Test NDN-RTC performance in Mini-NDN	Ashlesh Gawande	12/21/2017 11:19 AM	
3483	ndnrtc	Feature	Resolved	Normal	Summarize results of performance testing to date		10/31/2016 03:39 PM	
3485	ndnrtc	Task	Resolved	Normal	Prep for March 2 seminar with NDN-RTC	Peter Gusev	10/31/2016 04:04 PM	
3486	ndnrtc	Task	Resolved	Normal	Scripts to log NFD counters across testbed during runs	Peter Gusev	10/31/2016 03:42 PM	
3488	ndnrtc	Feature	New	Normal	Incorporate ARC detection into master branch	Peter Gusev	03/04/2016 03:17 PM	
3516	ndnrtc	Task	New	Normal	Decrease conversational latency perceived by users	Peter Gusev	03/07/2016 09:15 AM	
3526	ndnrtc	Task	Resolved	Normal	March 10 NDN-RTC test	Peter Gusev	10/31/2016 04:02 PM	
3527	ndnrtc	Task	New	Normal	[ndnrtc-oi] Implement NDN-RTC metric ingestion into Operational Intelligence tool	Peter Gusev	03/15/2016 06:22 PM	
3529	ndnrtc	Task	New	Normal	[ndnrtc-oi] Ingest current consumer state	Peter Gusev	03/09/2016 05:22 PM	
3534	ndnrtc	Task	New	Normal	[ndncon/ndnrtc] Bugfixing and optimization		03/15/2016 06:17 PM	
3535	ndnrtc	Task	New	Normal	[ndncon] Crashes when stop publishing audio	Peter Gusev	03/09/2016 05:37 PM	
3536	ndnrtc	Task	New	Normal	[ndncon] Crashes when leaving/joining chat	Peter Gusev	03/09/2016 05:38 PM	
3537	ndnrtc	Task	New	Normal	[ndncon] Memory footprint grows over long runs for publishers	Peter Gusev	03/09/2016 05:40 PM	
3541	ndnrtc	Task	New	Normal	[ndnrtc] Increased latency after rebuffering	Peter Gusev	03/10/2016 03:53 PM	
3549	ndnrtc	Task	Resolved	Normal	Prep for March 16 seminar	Peter Gusev	10/31/2016 03:52 PM	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Tags
3551	ndnrtc	Task	New	Normal	Determine if best-route strategy is causing performance degradation for NDN-RTC traffic	Peter Gusev	03/13/2016 05:20 PM	
3555	ndnrtc	Bug	New	Normal	Fix "phantom user" in discovery list	Zhehao Wang	03/16/2016 03:08 PM	
3244	ndnrtc	Bug	New	Low	[NdnCon] media streams preference: FreshnessPeriod label displays incompletely		10/07/2015 01:26 PM	
3906	ndns	Task	New	High	Rewrite ManagementTool's ListZone method		12/30/2016 10:12 PM	
4344	ndns	Task	New	High	NsCache in IterativeQueryController Need to check FreshnessPeriod before using cached data		10/17/2017 06:53 AM	
1965	ndns	Task	In Progress	Normal	Extend documentation	Shock Jiang	11/26/2014 12:24 AM	
2187	ndns	Task	In Progress	Normal	remove RRs on name server when the DSK which signs those RRs are removed.	Shock Jiang	03/26/2015 12:20 PM	
2224	ndns	Task	Code review	Normal	tools: ndns-remove-rr	Jiewen Tan	03/26/2015 01:06 AM	
2228	ndns	Task	Code review	Normal	ndns-add-rr: Report status of the command	Jiewen Tan	03/26/2015 12:41 AM	
2229	ndns	Task	Code review	Normal	Combine ndns-add-rr and ndns-add-rr-from-file to a single command	Jiewen Tan	03/20/2015 06:15 PM	
2590	ndns	Bug	New	Normal	NameServer/UpdateValidatorFetchCert incorrect usage of Signal		03/26/2015 12:59 PM	
2701	ndns	Task	Code review	Normal	ndns-add-rr enables special handling for self-signed KSK	Jiewen Tan	04/15/2015 10:10 PM	
3709	ndns	Bug	New	Normal	IterativeQueryController: does not process Nack		08/04/2016 10:41 PM	
3710	ndns	Bug	New	Normal	NdnsUpdate: does not process Nack		08/04/2016 10:41 PM	
3905	ndns	Task	New	Normal	Refactory ndns-update and ndns-add-rr		12/30/2016 02:56 PM	
4151	ndns	Task	New	Normal	Add certificate fetcher for both NDNS stored-certificate and NDNS certificate		06/25/2017 01:20 AM	
4153	ndns	Task	New	Normal	Add Cache resolver for NDNS		06/25/2017 01:38 AM	
5203	ndns	Feature	New	Normal	Accommodate certificate name in KeyLocator		05/04/2022 01:59 PM	
2245	ndns	Task	New	Low	Web interface to manage NDNS database		11/30/2014 09:54 PM	
5101	NDNSD	Task	New	Normal	NDNSD Design		04/13/2020 09:13 PM	
5028	ndnSIM	Feature	New	Urgent	Get the list of nodes and associated links inside fw/strategy.	Alex Afanasyev	10/14/2019 11:06 AM	
4142	ndnSIM	Task	New	High	Addition of a new field to interest and data packet	Alex Afanasyev	05/08/2018 10:48 AM	
2371	ndnSIM	Task	New	Normal	Port TcpFace and UdpFace to the new code base		02/01/2016 06:04 PM	
2446	ndnSIM	Bug	New	Normal	ndn-test: segfault in ndn::time::system_clock::now() called by L3Protocol::initializeManagement		08/05/2015 08:54 PM	
2538	ndnSIM	Task	New	Normal	Figure out whether there are memory leaks in ndnSIM.		05/08/2018 10:52 AM	
2557	ndnSIM	Task	New	Normal	Create examples using UDP faces.		05/08/2018 10:52 AM	
2765	ndnSIM	Bug	New	Normal	Incompatible licenses between ns-3 and ndnSIM		04/22/2015 10:14 AM	
2824	ndnSIM	Bug	New	Normal	Typo in documentation (git clone commands)	Spyros Mastorakis	08/21/2015 06:51 PM	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Tags
2849	ndnSIM	Bug	New	Normal	Correct license boilerplate to indicate correct license (with reference to LICENSE file in the root of the project)		08/01/2016 02:00 PM	
3121	ndnSIM	Task	New	Normal	Update FibHelper to use RIB management		05/08/2018 10:53 AM	
3129	ndnSIM	Feature	New	Normal	Replace or abstract random number generation with NS-3 facilities		05/08/2018 10:53 AM	
3175	ndnSIM	Bug	New	Normal	ImportError: No module named doxygen		09/07/2015 12:22 PM	
3326	ndnSIM	Bug	New	Normal	ndn::tlv::Error (TLV length exceeds buffer length) when calling /localhost/nfd/faces/list without caching		05/08/2018 10:55 AM	
3557	ndnSIM	Bug	New	Normal	Problem in generating the graphs pdf files for ndnSIM-ddos-interest-flooding project		11/10/2016 11:40 AM	
3656	ndnSIM	Bug	New	Normal	Python bindings enumeration for old-style content store		05/08/2018 10:55 AM	
3999	ndnSIM	Feature	New	Normal	Give an example on how to create custom tags		05/08/2018 10:55 AM	
4022	ndnSIM	Task	New	Normal	multicast strategy does not work in AnnotatedTopologyReader	Alex Afanasyev	05/08/2018 10:48 AM	
4040	ndnSIM	Task	New	Normal	Example WiFi scenarios should disable NACK generation	Spyros Mastorakis	05/08/2018 10:56 AM	
4320	ndnSIM	Task	New	Normal	assign custom colors, description on NDN based nodes		05/08/2018 10:50 AM	
4371	ndnSIM	Task	New	Normal	Make use of HAVE_NDN_CXX_CUSTOM_LOGGER (ndn-cxx)		05/08/2018 10:49 AM	
4557	ndnSIM	Task	Feedback	Normal	Upgrade base NS-3 to just released ns-3.28	Alex Afanasyev	05/08/2018 11:02 AM	
4608	ndnSIM	Task	New	Normal	Remove "old" content store		05/08/2018 11:56 AM	
4733	ndnSIM	Task	New	Normal	Update face metric based on link latency	Chavoosh Ghasemi	09/12/2018 03:04 PM	
4738	ndnSIM	Task	New	Normal	Make ndnSIM compatible with base NS-3 and publish on <a href="https://apps.nsnam.org/">https://apps.nsnam.org/</a>		03/28/2019 06:26 PM	
5002	ndnSIM	Bug	New	Normal	topologyReader.ApplyOspfMetric() doesn't work unless ndn::StackHelper is installed		09/18/2019 01:54 PM	
5273	ndnSIM	Bug	New	Normal	Duplicated commands of AddRoute and RemoveRoute do not modify FIB	Mark Theeranantachai	07/17/2023 12:12 PM	
1282	NFD	Feature	Feedback	Normal	Design duplicate suppression on multicast face		04/09/2020 02:44 PM	
1293	NFD	Task	New	Normal	Reserve buffer space when receiving packets on all faces		11/14/2014 01:23 PM	
1447	NFD	Task	New	Normal	Replace std::list with std::unordered_map for similar Interests in NameTree entry		11/04/2019 02:55 PM	
1698	NFD	Feature	New	Normal	Queuing FIB updates generated as a response to different RIB updates		01/23/2018 11:25 PM	
1966	NFD	Bug	New	Normal	Interest unsatisfied due to Interest aggregation combined with duplicate Nonce suppression		01/08/2021 10:37 AM	
1973	NFD	Task	New	Normal	Build tarball and upload to website		11/04/2019 02:56 PM	
2000	NFD	Task	New	Normal	Composable strategy building blocks		04/28/2020 10:15 PM	
2010	NFD	Task	New	Normal	RIB cost guidelines		10/31/2014 02:26 PM	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Tags
2174	NFD	Bug	New	Normal	Multiple register prefix gives NFD error "request timed out (code: 10060)"		11/19/2014 07:07 AM	
2394	NFD	Feature	New	Normal	WebSocketChannel: configurable list of endpoints to bind to		02/14/2019 09:50 PM	
2401	NFD	Feature	New	Normal	Register RIB command prefixes using FibUpdater		01/20/2015 09:22 PM	
2459	NFD	Bug	New	Normal	ndn-autoconfig (daemon mode): non-deterministic timeouts for DNS resolution		07/07/2017 01:54 AM	
2551	NFD	Feature	New	Normal	PIT refresh between neighbors		05/08/2019 08:55 AM	
2592	NFD	Bug	New	Normal	Ineffective duplicate suppression for satisfied Interest		06/30/2021 10:10 PM	DeadNonceList
2626	NFD	Bug	New	Normal	CS lookup takes long time if Interest Name covers many entries		01/23/2018 11:23 PM	
2747	NFD	Feature	New	Normal	Make StreamFace processing time constant regardless of object size		06/11/2021 03:50 PM	
2856	NFD	Feature	New	Normal	Confine registered prefix within identity		06/06/2015 09:37 AM	
2929	NFD	Feature	New	Normal	NDNLPv2 supported feature advertisement		07/23/2016 07:56 AM	
3000	NFD	Feature	Feedback	Normal	Design mobility with forwarding hint		02/03/2018 09:05 PM	
3027	NFD	Feature	New	Normal	ForwarderStatus: RouterName		08/21/2015 08:04 AM	
3029	NFD	Feature	New	Normal	Publish RouterName in ForwarderStatus		08/17/2015 08:03 PM	
3030	NFD	Feature	New	Normal	Display RouterName in 'nfdc status show'		07/23/2017 06:29 AM	
3031	NFD	Feature	New	Normal	Display RouterName on HTTP status page		08/25/2015 07:55 AM	
3049	NFD	Feature	New	Normal	RouterName configuration option		08/17/2015 08:01 PM	
3141	NFD	Feature	New	Normal	Configurable top-level prefixes for NFD management		08/28/2015 03:41 PM	
3142	NFD	Feature	New	Normal	Configurable top-level prefixes for NFD-RIB		11/05/2019 09:16 AM	
3143	NFD	Feature	New	Normal	Discover RIB management prefix of connected gateway router		01/23/2018 11:25 PM	
3145	NFD	Feature	New	Normal	Collect and publish routable-prefixes		01/23/2018 11:22 PM	
3161	NFD	Feature	New	Normal	CS: partition by forwarding hint		08/06/2017 07:57 AM	
3162	NFD	Feature	New	Normal	PIT: index with forwarding hint		08/06/2017 08:00 AM	
3163	NFD	Feature	New	Normal	Insert to CS with forwarding hint		08/06/2017 08:01 AM	
3215	NFD	Bug	New	Normal	NFD crash with "open /dev/urandom operation failed" when reaching ulimit		08/01/2016 02:56 PM	
3219	NFD	Bug	New	Normal	AccessStrategy measurements ineffective for NDN-RTC traffic		07/06/2016 01:49 PM	
3261	NFD	Task	New	Normal	App-developer oriented docs summarizing autoconfiguration steps		10/07/2023 09:40 PM	documentation
3325	NFD	Task	In Progress	Normal	Improve FaceDataset and GeneralStatusDataset tests		11/04/2022 08:58 PM	unit-tests
3333	NFD	Feature	New	Normal	Design Interest digest		08/26/2020 04:52 PM	needs-discussion
3352	NFD	Feature	In Progress	Normal	Set transport state UP/DOWN based on the state of the underlying network interface		09/07/2022 09:10 AM	
3361	NFD	Feature	New	Normal	FIB/PIT/CS/Measurements: erase by iterator		02/01/2017 02:20 PM	



#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Tags
3369	NFD	Task	New	Normal	EthernetTransport: test suite improvement		11/07/2018 10:28 PM	unit-tests
3382	NFD	Bug	New	Normal	nfd.conf.sample has face_system.unix section when compiled without Unix sockets support		06/11/2021 03:50 PM	
3420	NFD	Feature	New	Normal	best-route: return Nack if nexthops are DOWN		01/19/2016 03:48 PM	
3465	NFD	Feature	New	Normal	Extend client auto-configuration stages to include mDNS/DNS-SD		08/26/2020 04:52 PM	needs-discussion
3476	NFD	Task	New	Normal	Design NFD instrumentation		03/15/2019 11:17 AM	
3482	NFD	Task	New	Normal	Document expected packet processing performance		10/07/2023 09:47 PM	documentation
3521	NFD	Feature	In Progress	Normal	Netdev-bound faces		04/03/2021 01:17 AM	
3567	NFD	Task	Feedback	Normal	Face system benchmark		10/07/2023 09:50 PM	
3773	NFD	Feature	New	Normal	Inform applications when auto prefix propagation fails because no signing identity is available		03/26/2018 10:20 PM	
3807	NFD	Task	New	Normal	Content store profiling		10/07/2023 09:51 PM	
3824	NFD	Feature	New	Normal	NetworkRegionTable dataset		10/07/2023 09:52 PM	needs-discussion
3830	NFD	Task	New	Normal	Make ASF strategy tests predictable		02/02/2024 11:15 PM	ASF, unit-tests
3831	NFD	Feature	New	Normal	Add RIB routes for automatically created permanent faces		10/28/2016 09:51 AM	
3862	NFD	Task	New	Normal	Investigate unordered CS		12/04/2018 11:42 PM	
3887	NFD	Feature	New	Normal	Available strategies dataset		12/12/2016 09:00 PM	
3889	NFD	Bug	New	Normal	Retransmission suppression is too aggressive		08/25/2017 01:09 PM	
3895	NFD	Task	New	Normal	Write a style file for clang-format		12/20/2022 02:19 AM	needs-discussion
3945	NFD	Feature	New	Normal	DeadNonceList counters		06/30/2021 10:11 PM	DeadNonceList
4026	NFD	Feature	New	Normal	FaceSystem: use fine-grained signals from NetworkMonitor		10/17/2017 01:22 PM	
4056	NFD	Feature	New	Normal	Allow strategy to choose delegation name from forwarding hint		04/19/2017 04:50 PM	
4113	NFD	Feature	New	Normal	Use auto-detected "ad hoc" attribute to create faces		10/17/2017 01:23 PM	
4145	NFD	Feature	New	Normal	NDN over Wi-Fi Direct for Linux		04/25/2019 06:24 PM	
4148	NFD	Feature	New	Normal	Add Bluetooth RFCOMM face		01/23/2020 02:56 PM	
4165	NFD	Bug	New	Normal	autoconfig daemon mode: dampening mechanism may cause starvation		07/05/2017 11:04 PM	
4166	NFD	Feature	New	Normal	autoconfig: consider ad hoc wireless faces		01/25/2018 02:09 PM	
4193	NFD	Feature	In Progress	Normal	Make ASF strategy less sensitive to timeouts		02/02/2024 11:08 PM	ASF
4281	NFD	Feature	New	Normal	Develop self-learning for broadcast and ad hoc wireless faces		12/01/2023 07:00 PM	self-learning
4298	NFD	Feature	New	Normal	Add some random jitter to probing interval in ASF strategy		02/02/2024 11:10 PM	ASF
4317	NFD	Feature	New	Normal	Content Store enumeration		10/01/2017 09:26 PM	
4343	NFD	Feature	New	Normal	ASF strategy should isolate timed-out or NACK'd interests into separate namespaces		07/28/2023 10:20 PM	ASF

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4363	NFD	Feature	New	Normal	Adjust Multipath Forwarding Strategy based on Congestion Marks		12/08/2023 07:20 PM	needs-discussion
4408	NFD	Bug	New	Normal	NFD throughput using large chunk is low		01/22/2018 03:34 PM	
4446	NFD	Feature	New	Normal	Measurements query operation		02/21/2018 08:56 PM	
4447	NFD	Feature	New	Normal	Provide measurements dataset for ASF strategy		01/09/2018 12:18 PM	
4467	NFD	Feature	New	Normal	Export GenericLinkService counters		11/04/2022 09:06 PM	
4477	NFD	Feature	New	Normal	Support configuring LpReliability options		01/25/2018 02:28 PM	
4492	NFD	Task	New	Normal	nfdc XML report and nfd-status-http-server test case		01/14/2022 09:33 PM	unit-tests
4500	NFD	Feature	New	Normal	Improve congestion detection/marketing algorithm		08/26/2020 04:44 PM	needs-discussion
4505	NFD	Feature	New	Normal	nfdc: TAB completion for command names		02/14/2018 05:49 PM	
4528	NFD	Feature	In Progress	Normal	Management thread	Davide Pesavento	09/12/2020 02:25 PM	
4529	NFD	Feature	New	Normal	Merge NFD-RIB into management thread		03/02/2018 03:25 PM	
4530	NFD	Feature	In Progress	Normal	More efficient communication between threads	Davide Pesavento	08/27/2019 08:43 PM	
4539	NFD	Task	New	Normal	Management: collect all TLV-TYPE number assignments on the same page		08/27/2019 08:39 PM	
4572	NFD	Feature	New	Normal	nfdc route add: support local+remote FaceUri matching to identify nexthop face		06/09/2021 02:12 PM	
4574	NFD	Bug	New	Normal	Dysfunctional test cases in Face/TestTcpFactory	Alex Afanasyev	12/13/2022 02:55 AM	unit-tests
4600	NFD	Feature	New	Normal	Redesign NFD Management protocol to use ApplicationParameters		08/26/2020 04:38 PM	needs-discussion
4650	NFD	Feature	Feedback	Normal	Accept and store PrefixAnnouncement in rib/announce command		08/19/2023 01:55 AM	
4651	NFD	Feature	New	Normal	Prefix propagation: use stored PrefixAnnouncement		07/05/2018 08:48 AM	
4700	NFD	Feature	New	Normal	Strategy API: trigger strategy upon face state change		10/19/2019 12:13 PM	

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