

## ndnSIM - Task #3560

### Update ndn-cxx and NFD submodules to 0.4.1 or above

03/22/2016 04:35 PM - Spyros Mastorakis

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Alex Afanasyev	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.2		
<b>Description</b>			

#### History

##### #1 - 08/02/2016 07:16 AM - Junxiao Shi

- Subject changed from Update the ndn-cxx and NFD submodules to the latest version to Update ndn-cxx and NFD submodules to 0.4.1 or above

##### #2 - 09/08/2016 06:24 PM - Alex Afanasyev

- Status changed from New to Code review

- Assignee set to Alex Afanasyev

- Start date deleted (03/22/2016)

- % Done changed from 0 to 80

There is a big set pushed for review:

ndn-cxx:

- <https://gerrit.named-data.net/#/c/3167>
- <https://gerrit.named-data.net/#/c/3168>
- <https://gerrit.named-data.net/#/c/3169>
- <https://gerrit.named-data.net/#/c/3176>

NFD:

- <https://gerrit.named-data.net/#/c/3170>
- <https://gerrit.named-data.net/#/c/3171>
- <https://gerrit.named-data.net/#/c/3177>
- <https://gerrit.named-data.net/#/c/3178>
- <https://gerrit.named-data.net/#/c/3179>
- <https://gerrit.named-data.net/#/c/3180>
- <https://gerrit.named-data.net/#/c/3181>

And finally actual ndnSIM:

- <https://gerrit.named-data.net/#/c/3184>
- <https://gerrit.named-data.net/#/c/3098>
- <https://gerrit.named-data.net/#/c/3185>
- <https://gerrit.named-data.net/#/c/3186>
- <https://gerrit.named-data.net/#/c/3187>
- <https://gerrit.named-data.net/#/c/3188>
- <https://gerrit.named-data.net/#/c/3189>

There are several known limitations:

- no support for NDNLP. Face abstractions converted to LinkService and the raw Interest/Data packet being sent over links
- no support for NACKs. This is related to NDNLP. There are many placeholders, but not clear how to proceed. May be with ns3::PacketTag as a first approximation.

There is basically no support for NACK. There are some methods, but no full implementation.

##### #3 - 10/14/2016 01:50 PM - Alex Afanasyev

- % Done changed from 80 to 100

**#4 - 10/14/2016 01:51 PM - Alex Afanasyev**

*- Status changed from Code review to Closed*