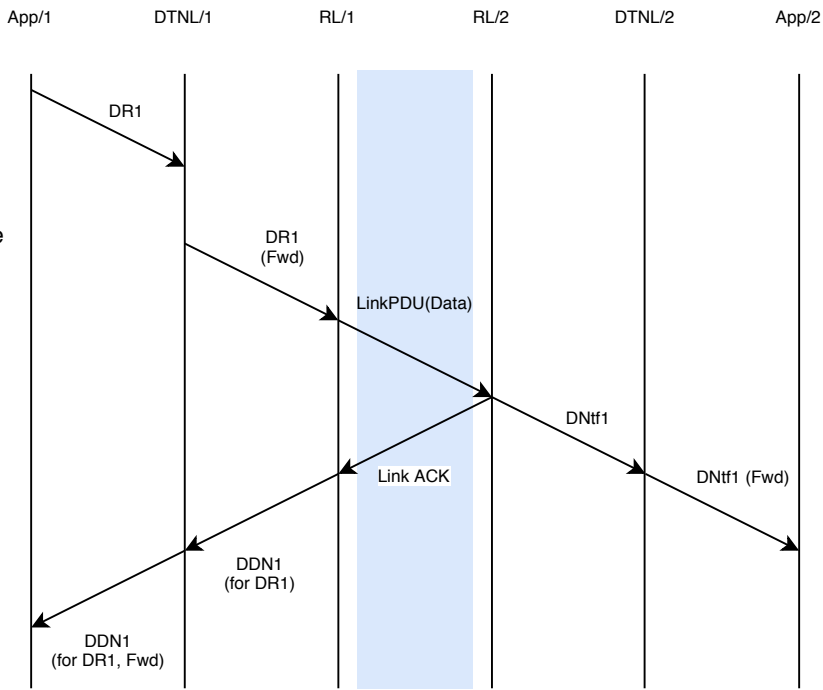
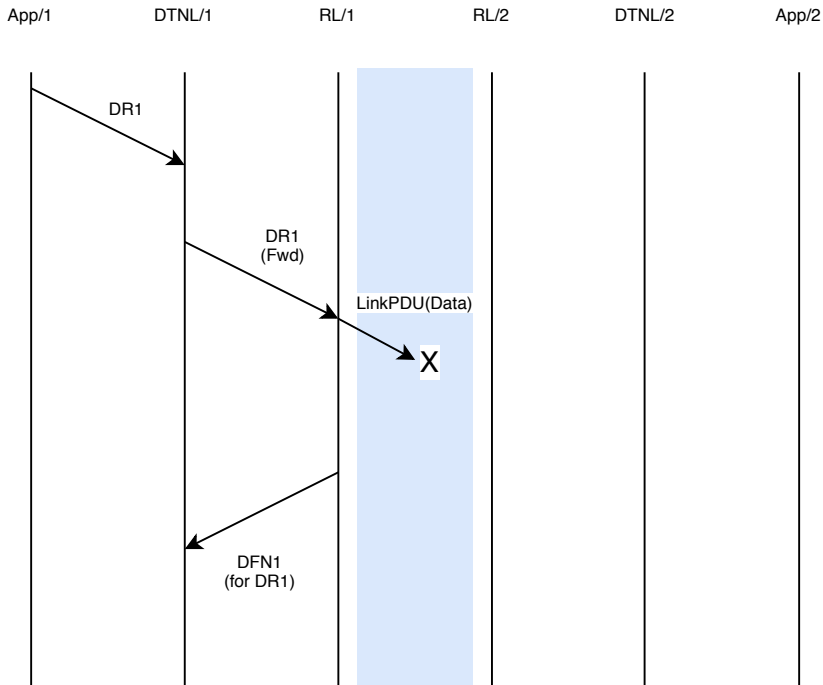


Fwd indicates DatagramReqs/Ntfs which DTNA sends to the Link or on its own topic respectively. The MessageID and data of the original message are preserved.

NOTE: From the DTNLink, DatagramNtfs are actually sent to the DTNLink's own Notify topic. But for simplicity, I have omitted the Notify topic from the sequence diagram, assuming that the App receives the message by subscribing to the notify topic

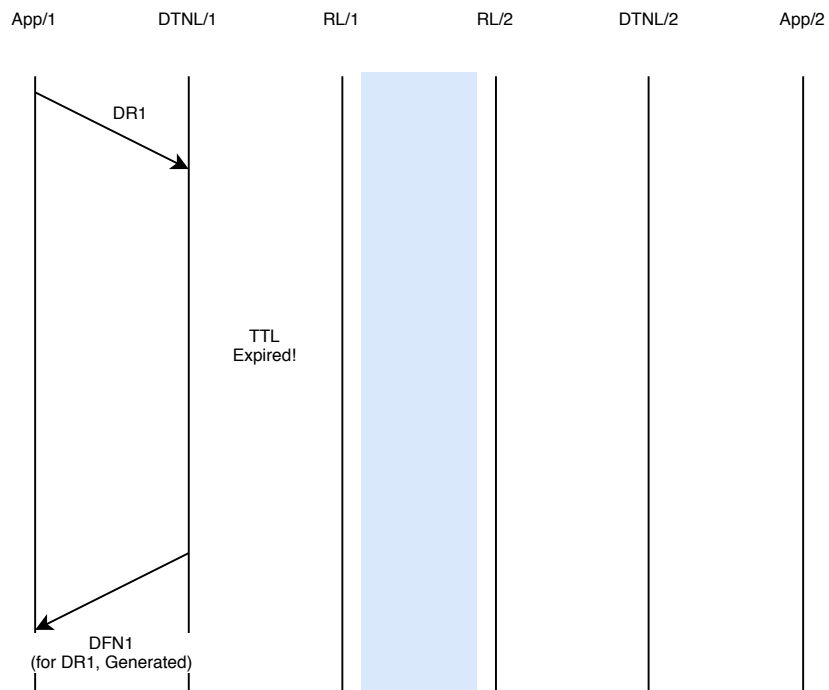


Successful DTNLink Message in Single Hop with Short Circuiting



Failed DTNLink Message in Single Hop

The DTN Link saves the DReq ID and other metadata to generate the DFN when the TTL of the Message expires



TTL Expiry in Single Hop