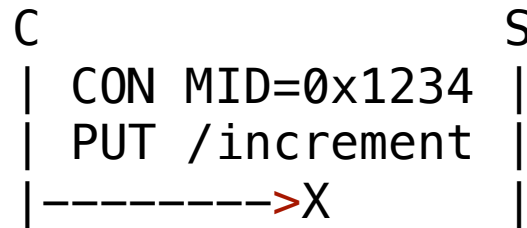


Learning CoAP separate responses by example  
*draft-castellani-lwig-coap-separate-response-00*

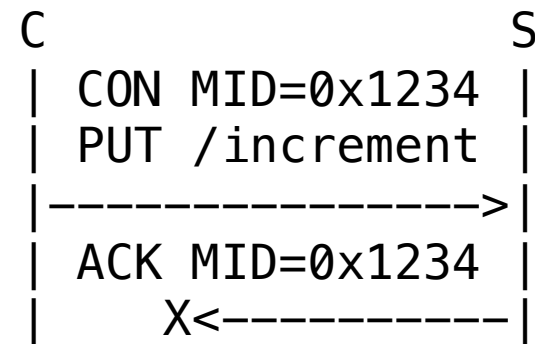
Angelo P. Castellani

# Taxonomy of cases

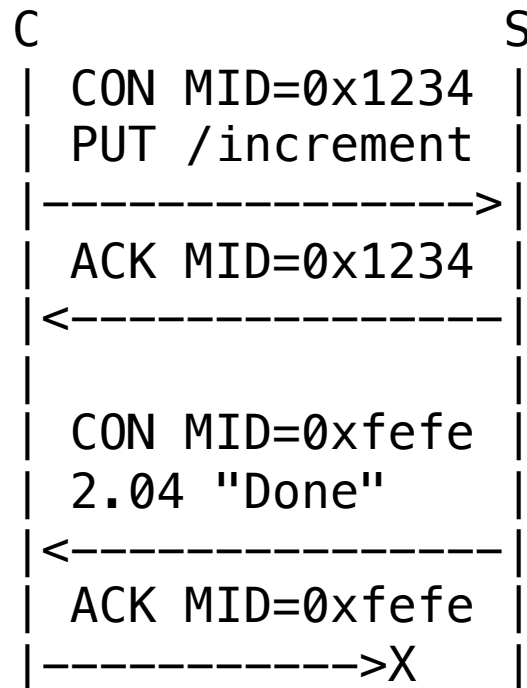
## Request lost



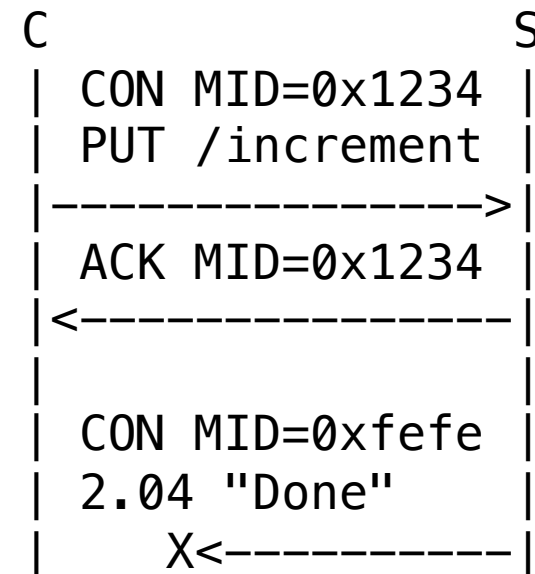
## Request ACK lost



## Response ACK lost



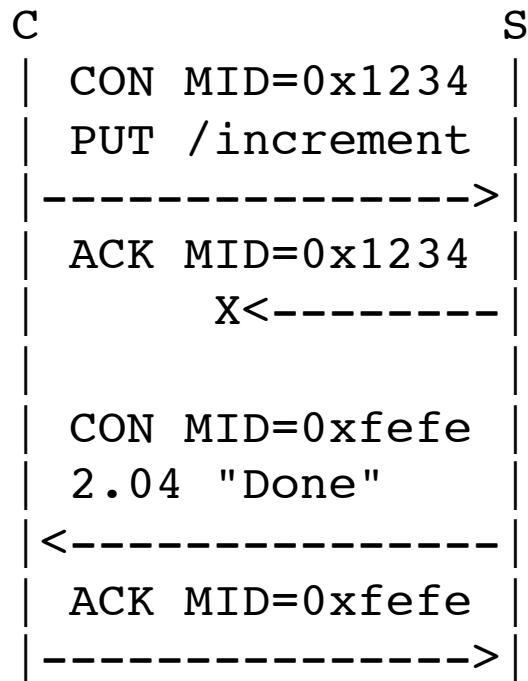
## Response lost



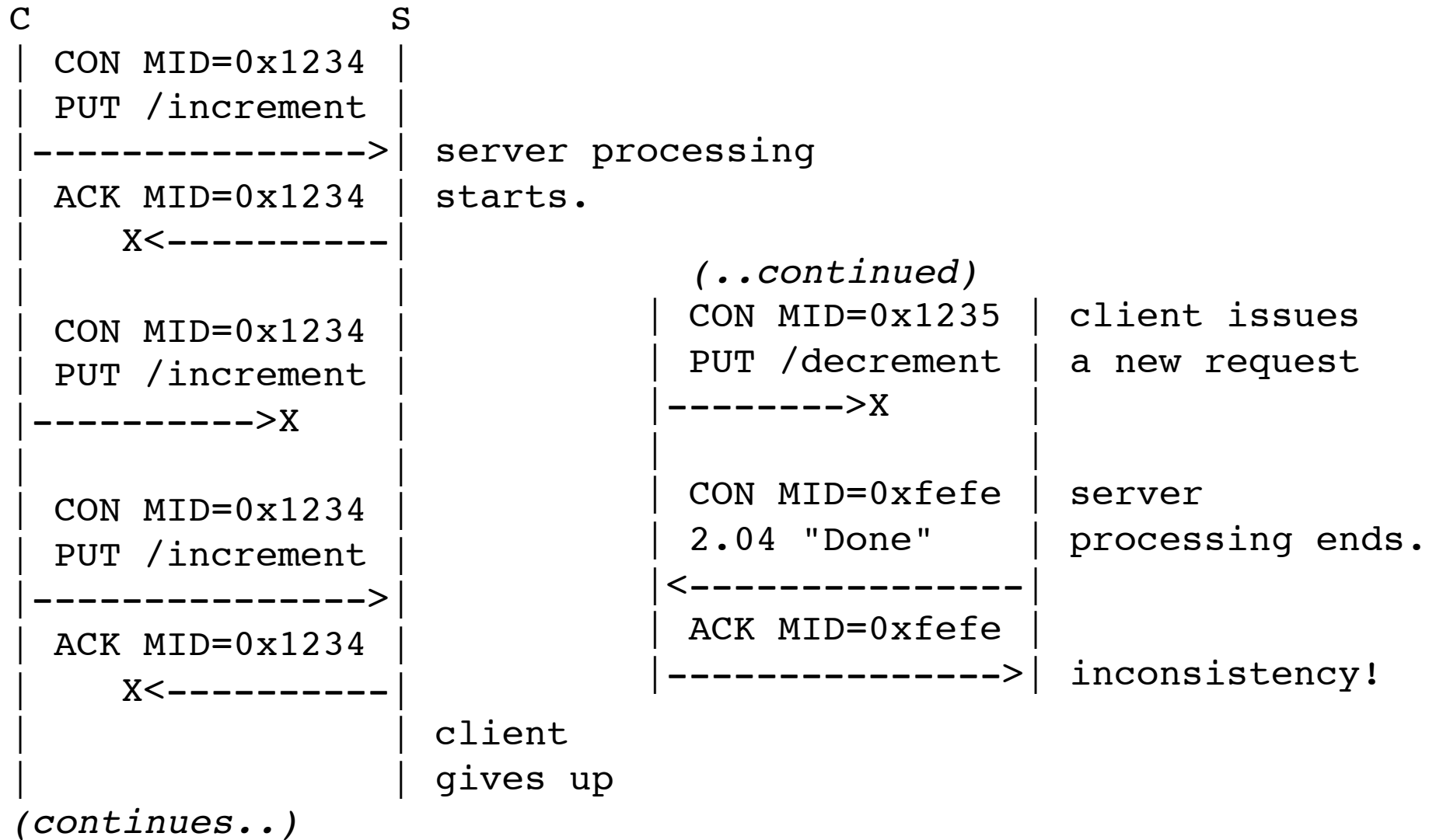
In this pictures retransmissions are not shown.

Still the situations that might occur can be synthetized using this reference cases.

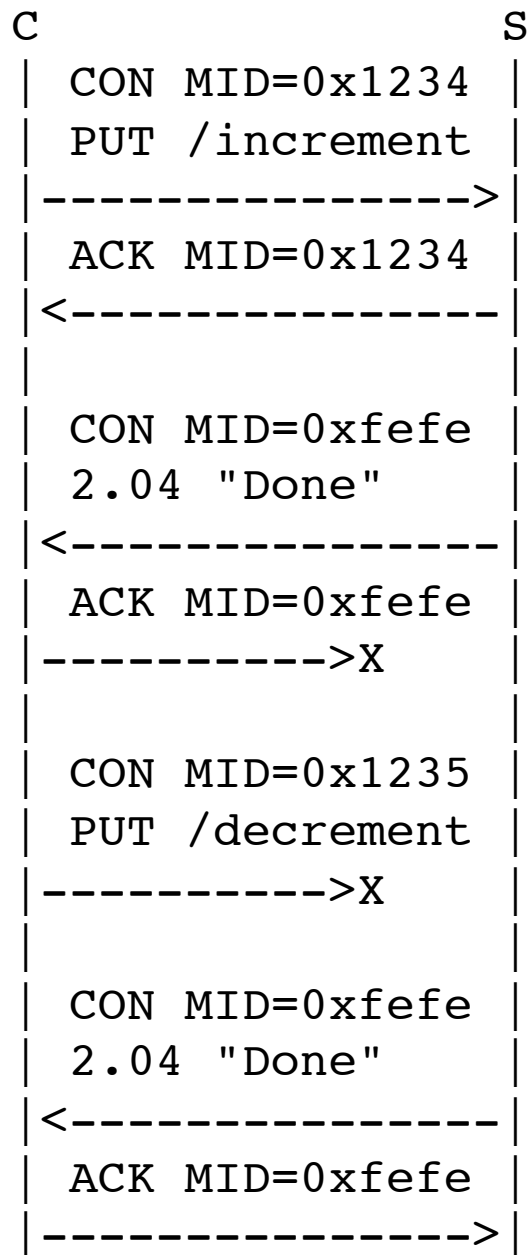
# Optimization on response ACK lost



# Naïve client



# Inexperienced client

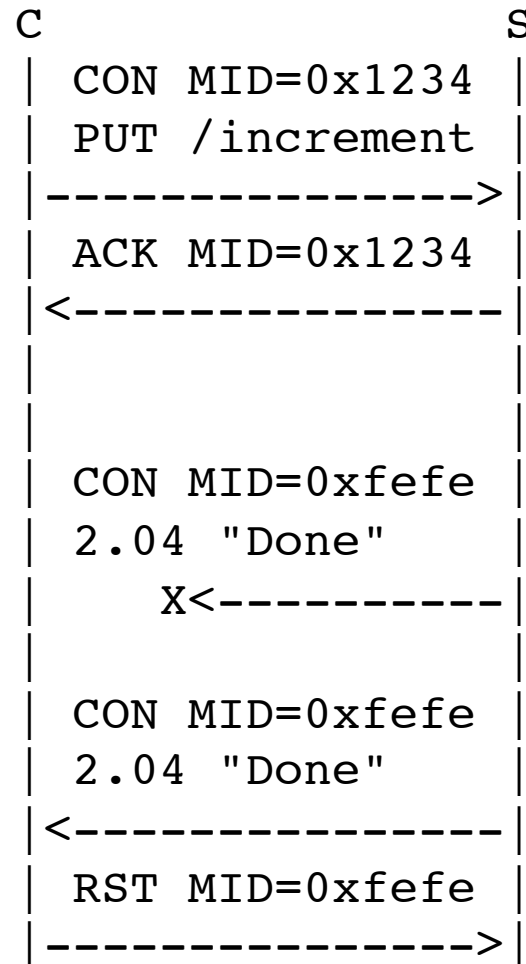
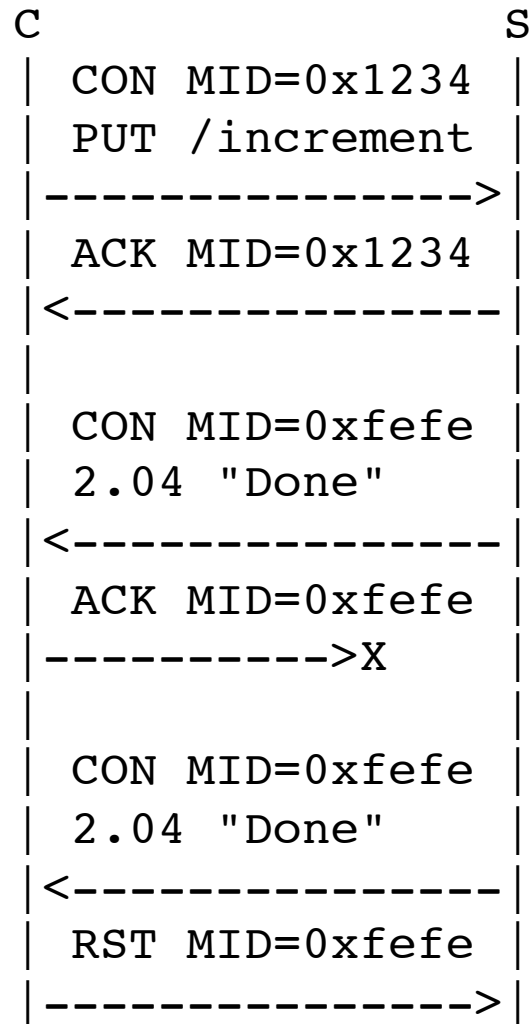


client issues a new request

server retransmits the response

client deduplication did not work

# Forgetful vs Rebooting client



client goes  
down for reboot

client is up again