

Specification: Linear Temporal Logic

- LTL operators can be composed
 - $G(Req \Rightarrow F(Ack))$
 - Every request eventually acknowledged
 - $G(F(DeviceEnabled))$
 - The device is enabled infinitely often (from every state, it's eventually enabled again)
 - $F(G(\neg Initializing))$
 - Eventually it's not initializing
 - E.g. there is some initialization procedure that eventually ends and never restarts
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