

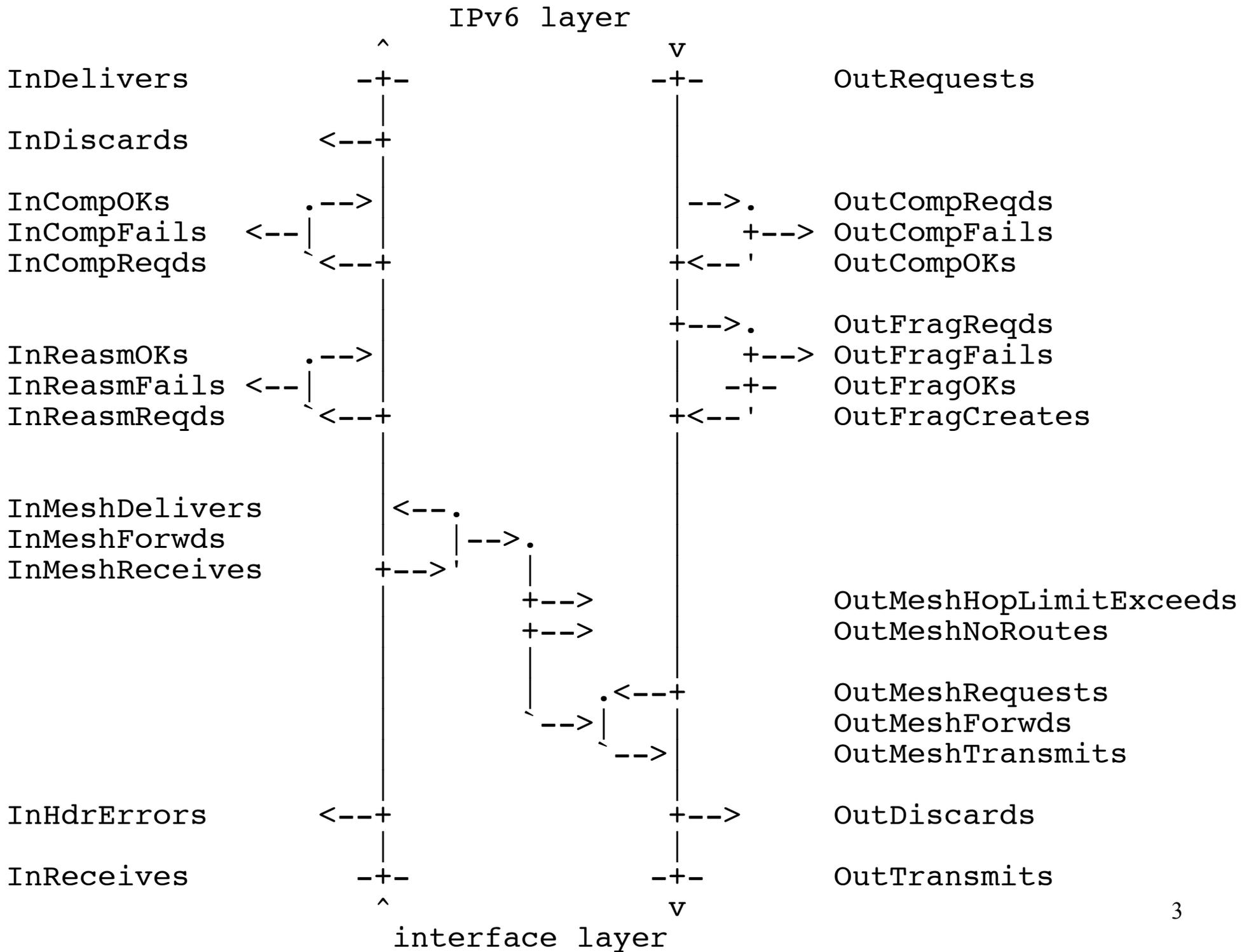
LOWPAN-MIB

Jürgen Schönwälder
Jacobs University Bremen

draft-schoenw-6lowpan-mib-03

Purpose / Background

- The counters defined in the LOWPAN-MIB module provide statistics about the 6LoWPAN datagrams received and transmitted and how they are processed in the 6LoWPAN layer
- Counters allow to identify problems related to fragmentation, compression or mesh forwarding
- Version -03 is believed to be reasonably complete (regarding the published 6LoWPAN RFCs)



Implementation

- The counters have been instrumented in the Contiki operating system (as far as possible, there is no mesh forwarding support)
- The counters have been exported as MIB objects via our Contiki SNMP implementation
- Code is available, remote testing as well

Discussion

- Are the counters accurate and complete?
- Any changes needed to support related links layers such as BTLE or DECT ULE?
- Any changes needed to support fragment forwarding (should this work move forward)?
- Adopt as WG document?