

RFC 5444 implementation

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RFC 5444 implementation

- flexible
- efficient
- multiplexing sub-protocols

Difficult to do

- How to...
 - compress addresses ?
 - multiplex protocols ?
 - fragment messages ?

Not easy without loosing flexibility.

RFC 5444 api

- generic library
 - reading & generating binary packets
- written in C
- BSD license
- Development Repository :
<http://olsr.org/git/?p=packetbb.git;a=summary>

Features (reader)

- reading overlapping parts of packets/messages by independent sub-protocols
- automatic decompression
- dropping parts of the messages/packets for 'later' sub-protocols

Features (writer)

- multiple independent sub-protocols generating a message together
- forwarding binary messages
- automatic address compression
- support for message fragmentation

Current state (pre-v0.9)

- reader and writer are working
- checked with OLSR interop 2009 examples
- readme files
- doxygen comments
- automatic tests
- small examples