

NAME

ldns_pkt_set_flags, ldns_pkt_set_id, ldns_pkt_set_qr, ldns_pkt_set_aa, ldns_pkt_set_tc, ldns_pkt_set_rd, ldns_pkt_set_cd, ldns_pkt_set_ra, ldns_pkt_set_ad, ldns_pkt_set_opcode, ldns_pkt_set_rcode, ldns_pkt_set_qdcount, ldns_pkt_set_ancount, ldns_pkt_set_nscount, ldns_pkt_set_arcount, ldns_pkt_set_answerfrom, ldns_pkt_set_querytime, ldns_pkt_set_size, ldns_pkt_set_section_count, ldns_pkt_set_tsig - set ldns_pkt attributes

SYNOPSIS

```
#include <stdint.h>
#include <stdbool.h>

#include <ldns/ldns.h>

bool ldns_pkt_set_flags(ldns_pkt *pkt, uint16_t flags);

void ldns_pkt_set_id(ldns_pkt *p, uint16_t id);

void ldns_pkt_set_qr(ldns_pkt *p, bool b);

void ldns_pkt_set_aa(ldns_pkt *p, bool b);

void ldns_pkt_set_tc(ldns_pkt *p, bool b);

void ldns_pkt_set_rd(ldns_pkt *p, bool b);

void ldns_pkt_set_cd(ldns_pkt *p, bool b);

void ldns_pkt_set_ra(ldns_pkt *p, bool b);

void ldns_pkt_set_ad(ldns_pkt *p, bool b);

void ldns_pkt_set_opcode(ldns_pkt *p, ldns_pkt_opcode c);

void ldns_pkt_set_rcode(ldns_pkt *p, uint8_t c);

void ldns_pkt_set_qdcount(ldns_pkt *p, uint16_t c);

void ldns_pkt_set_ancount(ldns_pkt *p, uint16_t c);
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void ldns_pkt_set_nscount(ldns_pkt *p, uint16_t c);

void ldns_pkt_set_arcount(ldns_pkt *p, uint16_t c);

void ldns_pkt_set_answerfrom(ldns_pkt *p, ldns_rdf *r);

void ldns_pkt_set_querytime(ldns_pkt *p, uint32_t t);

void ldns_pkt_set_size(ldns_pkt *p, size_t s);

void ldns_pkt_set_section_count(ldns_pkt *p, ldns_pkt_section s, uint16_t x);

void ldns_pkt_set_tsig(ldns_pkt *p, ldns_rr *t);
```

DESCRIPTION

ldns_pkt_set_flags() sets the flags in a packet.

pkt: the packet to operate on

flags: ORed values: LDNS_QR| LDNS_AR for instance

Returns true on success otherwise false

ldns_pkt_set_id() Set the packet's id

p: the packet

id: the id to set

ldns_pkt_set_qr() Set the packet's qr bit

p: the packet

b: the value to set (boolean)

ldns_pkt_set_aa() Set the packet's aa bit

p: the packet

b: the value to set (boolean)

ldns_pkt_set_tc() Set the packet's tc bit

p: the packet

b: the value to set (boolean)

ldns_pkt_set_rd() Set the packet's rd bit

p: the packet

b: the value to set (boolean)

ldns_pkt_set_cd() Set the packet's cd bit

p: the packet

b: the value to set (boolean)

ldns_pkt_set_ra() Set the packet's ra bit

p: the packet

b: the value to set (boolean)

ldns_pkt_set_ad() Set the packet's ad bit

p: the packet

b: the value to set (boolean)

ldns_pkt_set_opcode() Set the packet's opcode

p: the packet

c: the opcode

ldns_pkt_set_rcode() Set the packet's response code

p: the packet

c: the rcode

ldns_pkt_set_qdcount() Set the packet's qd count

p: the packet

c: the count

ldns_pkt_set_ancount() Set the packet's an count

p: the packet

c: the count

ldns_pkt_set_nscount() Set the packet's ns count

p: the packet

c: the count

ldns_pkt_set_arcount() Set the packet's arcount

p: the packet

c: the count

ldns_pkt_set_answerfrom() Set the packet's answering server

p: the packet

r: the address

ldns_pkt_set_querytime() Set the packet's query time

p: the packet

t: the querytime in msec

ldns_pkt_set_size() Set the packet's size

p: the packet

s: the size

ldns_pkt_set_section_count() Set a packet's section count to x

p: the packet

s: the section

x: the section count

ldns_pkt_set_tsig() Set the packet's tsig rr

p: the packet

t: the tsig rr

AUTHOR

The ldns team at NLnet Labs.

REPORTING BUGS

Please report bugs to dns-team@nlnetlabs.nl or on GitHub at <https://github.com/NLnetLabs/ldns/issues>

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SEE ALSO

ldns_pkt. And **perldoc Net::DNS**, **RFC1034**, **RFC1035**, **RFC4033**, **RFC4034** and **RFC4035**.

REMARKS

This manpage was automatically generated from the ldns source code.