

**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);
```

```
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 [ldns-team@nlnetlabs.nl](mailto:ldns-team@nlnetlabs.nl) or in our bugzilla at <http://www.nlnetlabs.nl/bugs/index.html>

## COPYRIGHT

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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.