NAME

ldns_pkt_new, ldns_pkt_free, ldns_pkt_print, ldns_pkt_query_new, ldns_pkt_query_new_frm_str, ldns_pkt_reply_type - ldns_pkt creation, destruction and printing

SYNOPSIS

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

#include <ldns/ldns.h>

ldns_pkt* ldns_pkt_new(void);

void ldns_pkt_free(ldns_pkt *packet);

void ldns_pkt_print(FILE *output, const ldns_pkt *pkt);

ldns_pkt* ldns_pkt_query_new(ldns_rdf *rr_name, ldns_rr_type rr_type, ldns_rr_class rr_class, uint16_t flags);

ldns_status ldns_pkt_query_new_frm_str(ldns_pkt **p, const char *rr_name, ldns_rr_type rr_type, ldns_rr_class rr_class , uint16_t flags);

ldns_pkt_type ldns_pkt_reply_type(const ldns_pkt *p);

DESCRIPTION

ldns_pkt_new() allocates and initializes a ldns_pkt structure.
  Returns pointer to the new packet

ldns_pkt_free() frees the packet structure and all data that it contains.
  packet: The packet structure to free
  Returns void

ldns_pkt_print() Prints the data in the DNS packet to the given file stream (in presentation format)

  output: the file stream to print to
  pkt: the packet to print
  Returns void

ldns_pkt_query_new() creates a packet with a query in it for the given name, type and class.

rr_name: the name to query for (not copied). The returned packet will take ownership of rr_name, so the caller should not free it.
rr_type: the type to query for
rr_class: the class to query for
flags: packet flags
Returns ldns_pkt* a pointer to the new pkt

ldns_pkt_query_new_frm_str() creates a query packet for the given name, type, class.
p: the packet to be returned
rr_name: the name to query for (as string)
rr_type: the type to query for
rr_class: the class to query for
flags: packet flags
Returns LDNS_STATUS_OK or a ldns_status mesg with the error

ldns_pkt_reply_type() looks inside the packet to determine what kind of packet it is, AUTH, NXDOMAIN, REFERRAL, etc.
p: the packet to examine
Returns the type of packet

AUTHOR
The ldns team at NLnet Labs.

REPORTING BUGS
Please report bugs to ldns-team@nlnetlabs.nl or in our bugzilla at
http://www.nlnetlabs.nl/bugs/index.html

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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.