NAME

ldns_pkt2buffer_str, ldns_pktheader2buffer_str, ldns_rr2buffer_str, ldns_rr_list2buffer_str,
ldns_rdf2buffer_str, ldns_key2buffer_str, ldns_pkt2buffer_wire, ldns_rr2buffer_wire,
ldns_rdf2buffer_wire, ldns_rrsig2buffer_wire, ldns_rr_rdata2buffer_wire - lower level conversions

SYNOPSIS

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

#include <ldns/ldns.h>

ldns_status ldns_pkt2buffer_str(ldns_buffer *output, const ldns_pkt *pkt);

ldns_status ldns_pktheader2buffer_str(ldns_buffer *output, const ldns_pkt *pkt);

ldns_status ldns_rr2buffer_str(ldns_buffer *output, const ldns_rr *rr);

ldns_status ldns_rr_list2buffer_str(ldns_buffer *output, const ldns_rr_list *list);

ldns_status ldns_rdf2buffer_str(ldns_buffer *output, const ldns_rdf *rdf);

ldns_status ldns_key2buffer_str(ldns_buffer *output, const ldns_key *k);

ldns_status ldns_pkt2buffer_wire(ldns_buffer *output, const ldns_pkt *pkt);

ldns_status ldns_rr2buffer_wire(ldns_buffer *output, const ldns_rr *rr, int section);

ldns_status ldns_rdf2buffer_wire(ldns_buffer *output, const ldns_rdf *rdf);

ldns_status ldns_rrsig2buffer_wire(ldns_buffer *output, const ldns_rr *sigrr);

ldns_status ldns_rr_rdata2buffer_wire(ldns_buffer *output, const ldns_rr *rr);

DESCRIPTION

ldns_pkt2buffer_str() Converts the data in the DNS packet to presentation format (as char *) and
appends it to the given buffer

output: pointer to the buffer to append the data to
pkt: the pointer to the packet to convert

Returns status

ldns_pktheader2buffer_str() Converts the header of a packet to presentation format and appends it to
    the output buffer
    output: the buffer to append output to
    pkt: the packet to convert the header of
    Returns ldns_status

ldns_rr2buffer_str() Converts the data in the resource record to presentation format (as char *) and
    appends it to the given buffer. The presentation format of DNSKEY record is annotated with
    comments giving the id, type and size of the key.

    output: pointer to the buffer to append the data to
    rr: the pointer to the rr field to convert
    Returns status

ldns_rr_list2buffer_str() Converts a rr_list to presentation format and appends it to the output buffer
    output: the buffer to append output to
    list: the ldns_rr_list to print
    Returns ldns_status

ldns_rdf2buffer_str() Converts the data in the rdata field to presentation format (as char *) and appends
    it to the given buffer

    output: pointer to the buffer to append the data to
    rdf: the pointer to the rdafa field containing the data
    Returns status

ldns_key2buffer_str() Converts the data in the DNS packet to presentation format (as char *) and
    appends it to the given buffer

    output: pointer to the buffer to append the data to
    k: the pointer to the private key to convert
    Returns status

ldns_pkt2buffer_wire() Copies the packet data to the buffer in wire format
    *output: buffer to append the result to
    *pkt: packet to convert
    Returns ldns_status

ldns_rr2buffer_wire() Copies the rr data to the buffer in wire format
>   ***output**: buffer to append the result to
>   ***rr**: resource record to convert
>   **section**: the section in the packet this rr is supposed to be in (to determine whether to add rdata or not)
>   Returns ldns_status

ldns_rdf2buffer_wire() Copies the rdata data to the buffer in wire format
>   ***output**: buffer to append the result to
>   ***rdf**: rdata to convert
>   Returns ldns_status

ldns_rrsig2buffer_wire() Converts a rrsig to wireformat BUT EXCLUDE the rrsig rdata This is needed in DNSSEC verification
>   **output**: buffer to append the result to
>   **sigrr**: signature rr to operate on
>   Returns ldns_status

ldns_rr_rdata2buffer_wire() Converts an rr's rdata to wireformat, while excluding the ownername and all the stuff before the rdata. This is needed in DNSSEC keytag calculation, the ds calculation from the key and maybe elsewhere.

>   ***output**: buffer where to put the result
>   ***rr**: rr to operate on
>   Returns ldns_status

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_pkt2str, *ldns_rr2str*, *ldns_rdf2str*, *ldns_rr_list2str*, *ldns_key2str*. And **perldoc Net::DNS**, **RFC1034**, **RFC1035**, **RFC4033**, **RFC4034** and **RFC4035**.

REMARKS

This manpage was automatically generated from the ldns source code.