

NAME

ldns_rr2wire, ldns_pkt2wire, ldns_rdf2wire - conversion functions

SYNOPSIS

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

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

```
#include <ldns/ldns.h>
```

```
ldns_status ldns_rr2wire(uint8_t **dest, const ldns_rr *rr, int section, size_t *size);
```

```
ldns_status ldns_pkt2wire(uint8_t **dest, const ldns_pkt *p, size_t *size);
```

```
ldns_status ldns_rdf2wire(uint8_t **dest, const ldns_rdf *rdf, size_t *size);
```

DESCRIPTION

ldns_rr2wire() Allocates an array of uint8_t at dest, and puts the wireformat of the given rr in that array. The result_size value contains the length of the array, if it succeeds, and 0 otherwise (in which case the function also returns NULL)

If the section argument is LDNS_SECTION_QUESTION, data like ttl and rdata are not put into the result

dest: pointer to the array of bytes to be created

rr: the rr to convert

section: the rr section, determines how the rr is written.

size: the size of the converted result

ldns_pkt2wire() Allocates an array of uint8_t at dest, and puts the wireformat of the given packet in that array. The result_size value contains the length of the array, if it succeeds, and 0 otherwise (in which case the function also returns NULL)

dest: pointer to the array of bytes to be created

p: the packet to convert

size: the size of the converted result

ldns_rdf2wire() Allocates an array of uint8_t at dest, and puts the wireformat of the given rdf in that array. The result_size value contains the length of the array, if it succeeds, and 0 otherwise (in which case the function also returns NULL)

dest: pointer to the array of bytes to be created

rdf: the rdata field to convert

size: the size of the converted result

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>

COPYRIGHT

Copyright (c) 2004 - 2006 NLnet Labs.

Licensed under the BSD License. There is NO warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

SEE ALSO

ldns_wire2rr, *ldns_wire2pkt*, *ldns_wire2rdf*. And **perldoc Net::DNS**, **RFC1034**, **RFC1035**, **RFC4033**, **RFC4034** and **RFC4035**.

REMARKS

This manpage was automatically generated from the ldns source code.