

**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 [dns-team@nlnetlabs.nl](mailto:dns-team@nlnetlabs.nl) or on GitHub at <https://github.com/NLnetLabs/ldns/issues>

## COPYRIGHT

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## 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.