NAME

    ldns_native2rdf_int8, ldns_native2rdf_int16, ldns_native2rdf_int32, ldns_native2rdf_int16_data,
    ldns_rdf2native_int8, ldns_rdf2native_int16, ldns_rdf2native_int32, ldns_rdf2native_sockaddr_storage,
    ldns_rdf2native_time_t - rdf numeric conversion functions

SYNOPSIS

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

    #include <ldns/ldns.h>

    ldns_rdf* ldns_native2rdf_int8(ldns_rdf_type type, uint8_t value);

    ldns_rdf* ldns_native2rdf_int16(ldns_rdf_type type, uint16_t value);

    ldns_rdf* ldns_native2rdf_int32(ldns_rdf_type type, uint32_t value);

    ldns_rdf* ldns_native2rdf_int16_data(size_t size, uint8_t *data);

    uint8_t ldns_rdf2native_int8(const ldns_rdf *rd);

    uint16_t ldns_rdf2native_int16(const ldns_rdf *rd);

    uint32_t ldns_rdf2native_int32(const ldns_rdf *rd);

    ldns_rdf2native_sockaddr_storage();

    time_t ldns_rdf2native_time_t(const ldns_rdf *rd);

DESCRIPTION

    ldns_native2rdf_int8() returns the rdf containing the native uint8_t repr.
        type: the ldns_rdf type to use
        value: the uint8_t to use
        Returns ldns_rdf* with the converted value

    ldns_native2rdf_int16() returns the rdf containing the native uint16_t representation.
        type: the ldns_rdf type to use
        value: the uint16_t to use
        Returns ldns_rdf* with the converted value

ldns_native2rdf_int32() returns an rdf that contains the given int32 value.

Because multiple rdf types can contain an int32, the type must be specified
type: the ldns_rdf type to use
value: the uint32_t to use
Returns ldns_rdf* with the converted value

ldns_native2rdf_int16_data() returns an int16_data rdf that contains the data in the given array, preceded by an int16 specifying the length.

The memory is copied, and an LDNS_RDF_TYPE_INT16DATA is returned
size: the size of the data
*data: pointer to the actual data

Returns ldns_rd* the rdf with the data

ldns_rdf2native_int8() returns the native uint8_t representation from the rdf.
rd: the ldns_rdf to operate on
Returns uint8_t the value extracted

ldns_rdf2native_int16() returns the native uint16_t representation from the rdf.
rd: the ldns_rdf to operate on
Returns uint16_t the value extracted

ldns_rdf2native_int32() returns the native uint32_t representation from the rdf.
rd: the ldns_rdf to operate on
Returns uint32_t the value extracted

ldns_rdf2native_sockaddr_storage()

ldns_rdf2native_time_t() returns the native time_t representation from the rdf.
rd: the ldns_rdf to operate on
Returns time_t the value extracted (32 bits currently)

AUTHOR
The ldns team at NLnet Labs.

REPORTING BUGS
Please report bugs to dns-team@nlnetlabs.nl or on GitHub at https://github.com/NLnetLabs/ldns/issues

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SEE ALSO

ldns_rdf. And **perldoc Net::DNS**, **RFC1034**, **RFC1035**, **RFC4033**, **RFC4034** and **RFC4035**.

REMARKS

This manpage was automatically generated from the ldns source code.