

NAME

ldns_key_list_key_count, ldns_key_list_key, ldns_key_rsa_key, ldns_key_dsa_key, ldns_key_algorithm, ldns_key_hmac_key, ldns_key_origttl, ldns_key_inception, ldns_key_expiration, ldns_key_keytag, ldns_key_pubkey_owner, ldns_key_flags - read ldns_keys

SYNOPSIS

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

#include <ldns/ldns.h>

size_t ldns_key_list_key_count(const ldns_key_list *key_list);

ldns_key* ldns_key_list_key(const ldns_key_list *key, size_t nr);

RSA* ldns_key_rsa_key(const ldns_key *k);

DSA* ldns_key_dsa_key(const ldns_key *k);

ldns_signing_algorithm ldns_key_algorithm(const ldns_key *k);

unsigned char* ldns_key_hmac_key(const ldns_key *k);

uint32_t ldns_key_origttl(const ldns_key *k);

uint32_t ldns_key_inception(const ldns_key *k);

uint32_t ldns_key_expiration(const ldns_key *k);

uint16_t ldns_key_keytag(const ldns_key *k);

ldns_rdf* ldns_key_pubkey_owner(const ldns_key *k);

uint16_t ldns_key_flags(const ldns_key *k);
```

DESCRIPTION

ldns_key_list_key_count() returns the number of keys in the key list

key_list: the key_list

Returns the numbers of keys in the list

ldns_key_list_key() returns a pointer to the key in the list at the given position

key: the key

nr: the position in the list

Returns the key

ldns_key_rsa_key() returns the (openssl) RSA struct contained in the key

k: the key to look in

Returns the RSA * structure in the key

ldns_key_dsa_key() returns the (openssl) DSA struct contained in the key

ldns_key_algorithm() return the signing alg of the key

k: the key

Returns the algorithm

ldns_key_hmac_key() return the hmac key data

k: the key

Returns the hmac key data

ldns_key_origttl() return the original ttl of the key

k: the key

Returns the original ttl

ldns_key_inception() return the key's inception date

k: the key

Returns the inception date

ldns_key_expiration() return the key's expiration date

k: the key

Returns the expiration date

ldns_key_keytag() return the keytag

k: the key

Returns the keytag

ldns_key_pubkey_owner() return the public key's owner

k: the key

Returns the owner

ldns_key_flags() return the flag of the key

k: the key
Returns the flag

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

REMARKS

This manpage was automatically generated from the ldns source code.