

**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](mailto: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\_key*. And **perldoc Net::DNS**, **RFC1034**, **RFC1035**, **RFC4033**, **RFC4034** and **RFC4035**.

#### **REMARKS**

This manpage was automatically generated from the ldns source code.