

NAME

ldns_dnssec_data_chain_new, ldns_dnssec_data_chain_free, ldns_dnssec_data_chain_deep_free, ldns_dnssec_build_data_chain, ldns_dnssec_data_chain_print - ldns_chain creation, destruction and printing

SYNOPSIS

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

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

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

```
ldns_dnssec_data_chain* ldns_dnssec_data_chain_new(void);
```

```
void ldns_dnssec_data_chain_free(ldns_dnssec_data_chain *chain);
```

```
void ldns_dnssec_data_chain_deep_free(ldns_dnssec_data_chain *chain);
```

```
ldns_dnssec_data_chain* ldns_dnssec_build_data_chain(ldns_resolver *res, const uint16_t qflags,
const ldns_rr_list *data_set, const ldns_pkt *pkt, ldns_rr *orig_rr);
```

```
void ldns_dnssec_data_chain_print(FILE *out, const ldns_dnssec_data_chain *chain);
```

DESCRIPTION

ldns_dnssec_data_chain_new() Creates a new dnssec_chain structure

Returns ldns_dnssec_data_chain *

ldns_dnssec_data_chain_free() Frees a dnssec_data_chain structure

***chain:** The chain to free

ldns_dnssec_data_chain_deep_free() Frees a dnssec_data_chain structure, and all data contained therein

***chain:** The dnssec_data_chain to free

ldns_dnssec_build_data_chain() Build an ldns_dnssec_data_chain, which contains all DNSSEC data that is needed to derive the trust tree later

The data_set will be cloned

***res:** resolver structure for further needed queries

qflags: resolution flags

***data_set:** The original rrset where the chain ends

***pkt:** optional, can contain the original packet (and hence the sigs and maybe the key)

***orig_rr:** The original Resource Record

Returns the DNSSEC data chain

ldns_dnssec_data_chain_print() Prints the dnssec_data_chain to the given file stream

***out:** The file stream to print to

***chain:** The dnssec_data_chain to print

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

REMARKS

This manpage was automatically generated from the ldns source code.