

**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](mailto: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.