

NAME

ldns_dname_compare, ldns_dname_interval - compare two dnames

SYNOPSIS

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

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

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

```
int ldns_dname_compare(const ldns_rdf *dname1, const ldns_rdf *dname2);
```

```
int ldns_dname_interval(const ldns_rdf *prev, const ldns_rdf *middle, const ldns_rdf *next);
```

DESCRIPTION

ldns_dname_compare() Compares the two dname rdf's according to the algorithm for ordering in RFC4034 Section 6.

dname1: First dname rdf to compare

dname2: Second dname rdf to compare

Returns -1 if dname1 comes before dname2, 1 if dname1 comes after dname2, and 0 if they are equal.

ldns_dname_interval() check if middle lays in the interval defined by prev and next $prev \leq middle < next$. This is useful for nsec checking

prev: the previous dname

middle: the dname to check

next: the next dname return 0 on error or unknown, -1 when middle is in the interval, +1 when not

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

REMARKS

This manpage was automatically generated from the ldns source code.