

**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**

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**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\_dname\_is\_subdomain*. And **perldoc Net::DNS, RFC1034, RFC1035, RFC4033, RFC4034** and **RFC4035**.

**REMARKS**

This manpage was automatically generated from the ldns source code.