

NAME

ldns_duration_type, ldns_duration_create, ldns_duration_create_from_string, ldns_duration_cleanup, ldns_duration_compare, ldns_duration2string, ldns_duration2time - duration type and related functions

SYNOPSIS

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

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

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

```
ldns_duration_type* ldns_duration_create(void);
```

```
ldns_duration_type* ldns_duration_create_from_string(const char* str);
```

```
void ldns_duration_cleanup(ldns_duration_type* duration);
```

```
int ldns_duration_compare(const ldns_duration_type* d1, const ldns_duration_type* d2);
```

```
char* ldns_duration2string(const ldns_duration_type* duration);
```

```
time_t ldns_duration2time(const ldns_duration_type* duration);
```

DESCRIPTION

ldns_duration_type

Duration.

```
struct ldns_duration_struct
```

```
{
```

```
    time_t years;
```

```
    time_t months;
```

```
    time_t weeks;
```

```
    time_t days;
```

```
    time_t hours;
```

```
    time_t minutes;
```

```
    time_t seconds;
```

```
};
```

```
typedef struct ldns_duration_struct ldns_duration_type;
```

ldns_duration_create() Create a new 'instant' duration.

Returns *ldns_duration_type** created duration

ldns_duration_create_from_string() Create a duration from string.

str: string-format duration

Returns *ldns_duration_type** created duration

ldns_duration_cleanup() Clean up duration.

duration: duration to be cleaned up

ldns_duration_compare() Compare durations.

d1: one duration

d2: another duration

Returns int 0 if equal, -1 if d1 < d2, 1 if d2 < d1

ldns_duration2string() Convert a duration to a string.

duration: duration to be converted

Returns *char** string-format duration

ldns_duration2time() Convert a duration to a time.

duration: duration to be converted

Returns *time_t* time-format duration

AUTHOR

The ldns team at NLnet Labs.

REPORTING BUGS

Please report bugs to dns-team@nlnetlabs.nl or on GitHub at <https://github.com/NLnetLabs/ldns/issues>

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SEE ALSO

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

REMARKS

This manpage was automatically generated from the ldns source code.