

NAME

`ldns_buffer_remaining_at`, `ldns_buffer_remaining`, `ldns_buffer_available_at`, `ldns_buffer_available`,
`ldns_buffer_status`, `ldns_buffer_status_ok` - check buffer status

SYNOPSIS

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

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

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

```
size_t ldns_buffer_remaining_at(const ldns_buffer *buffer, size_t at);
```

```
size_t ldns_buffer_remaining(const ldns_buffer *buffer);
```

```
int ldns_buffer_available_at(const ldns_buffer *buffer, size_t at, size_t count);
```

```
int ldns_buffer_available(const ldns_buffer *buffer, size_t count);
```

```
ldns_status ldns_buffer_status(const ldns_buffer *buffer);
```

```
bool ldns_buffer_status_ok(const ldns_buffer *buffer);
```

DESCRIPTION

ldns_buffer_remaining_at() returns the number of bytes remaining between the indicated position and the limit.

buffer: the buffer

at: indicated position

Returns number of bytes

ldns_buffer_remaining() returns the number of bytes remaining between the buffer's position and limit.

buffer: the buffer

Returns the number of bytes

ldns_buffer_available_at() checks if the buffer has at least COUNT more bytes available. Before reading or writing the caller needs to ensure enough space is available!

buffer: the buffer

at: indicated position

count: how much is available

Returns true or false (as int?)

ldns_buffer_available() checks if the buffer has count bytes available at the current position

buffer: the buffer

count: how much is available

Returns true or false (as int?)

ldns_buffer_status() returns the status of the buffer `\param[in] buffer`

Returns the status

ldns_buffer_status_ok() returns true if the status of the buffer is LDNS_STATUS_OK, false otherwise

buffer: the buffer

Returns true or false

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>

COPYRIGHT

Copyright (c) 2004 - 2006 NLnet Labs.

Licensed under the BSD License. There is NO warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

SEE ALSO

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

REMARKS

This manpage was automatically generated from the ldns source code.