

**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 [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\_buffer*. And `perldoc Net::DNS`, [RFC1034](#), [RFC1035](#), [RFC4033](#), [RFC4034](#) and [RFC4035](#).

## REMARKS

This manpage was automatically generated from the ldns source code.