

NAME

ldns_rdf_new, ldns_rdf_clone, ldns_rdf_new_frm_data, ldns_rdf_new_frm_str, ldns_rdf_new_frm_fp, ldns_rdf_free, ldns_rdf_deep_free, ldns_rdf_print - ldns_rdf creation, destruction and printing

SYNOPSIS

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

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

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

```
ldns_rdf* ldns_rdf_new(ldns_rdf_type type, size_t size, void *data);
```

```
ldns_rdf* ldns_rdf_clone(const ldns_rdf *rd);
```

```
ldns_rdf* ldns_rdf_new_frm_data(ldns_rdf_type type, size_t size, const void *data);
```

```
ldns_rdf* ldns_rdf_new_frm_str(ldns_rdf_type type, const char *str);
```

```
ldns_status ldns_rdf_new_frm_fp(ldns_rdf **r, ldns_rdf_type type, FILE *fp);
```

```
void ldns_rdf_free(ldns_rdf *rd);
```

```
void ldns_rdf_deep_free(ldns_rdf *rd);
```

```
void ldns_rdf_print(FILE *output, const ldns_rdf *rdf);
```

DESCRIPTION

ldns_rdf_new() allocates a new rdf structure and fills it. This function DOES NOT copy the contents from the buffer, unlike *ldns_rdf_new_frm_data()*

type: type of the rdf

size: size of the buffer

data: pointer to the buffer to be copied

Returns the new rdf structure or NULL on failure

ldns_rdf_clone() clones a rdf structure. The data is copied.

rd: rdf to be copied

Returns a new rdf structure

ldns_rdf_new_frm_data() allocates a new rdf structure and fills it. This function *does* copy the

contents from the buffer, unlike `ldns_rdf_new()`

type: type of the rdf

size: size of the buffer

data: pointer to the buffer to be copied

Returns the new rdf structure or NULL on failure

ldns_rdf_new_frm_str() creates a new rdf from a string.

type: type to use

str: string to use

Returns `ldns_rdf*` or NULL in case of an error

ldns_rdf_new_frm_fp() creates a new rdf from a file containing a string.

r: the new rdf

type: type to use

fp: the file pointer to use

Returns `LDNS_STATUS_OK` or the error

ldns_rdf_free() frees a rdf structure, leaving the data pointer intact.

rd: the pointer to be freed

Returns void

ldns_rdf_deep_free() frees a rdf structure _and_ frees the data. rdf should be created with

`_new_frm_data`

rd: the rdf structure to be freed

Returns void

ldns_rdf_print() Prints the data in the rdata field to the given file stream (in presentation format)

output: the file stream to print to

rd: the rdata field to print

Returns void

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

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

REMARKS

This manpage was automatically generated from the ldns source code.