

NAME

ldns_rr_rrsig_typecovered, ldns_rr_rrsig_set_typecovered, ldns_rr_rrsig_algorithm, ldns_rr_rrsig_set_algorithm, ldns_rr_rrsig_labels, ldns_rr_rrsig_set_labels, ldns_rr_rrsig_origttl, ldns_rr_rrsig_set_origttl, ldns_rr_rrsig_expiration, ldns_rr_rrsig_set_expiration, ldns_rr_rrsig_inception, ldns_rr_rrsig_set_inception, ldns_rr_rrsig_keytag, ldns_rr_rrsig_set_keytag, ldns_rr_rrsig_signame, ldns_rr_rrsig_set_signame, ldns_rr_rrsig_sig, ldns_rr_rrsig_set_sig - get and set RRSIG RR rdata fields

SYNOPSIS

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

#include <ldns/ldns.h>

ldns_rdf* ldns_rr_rrsig_typecovered(const ldns_rr *r);

bool ldns_rr_rrsig_set_typecovered(ldns_rr *r, ldns_rdf *f);

ldns_rdf* ldns_rr_rrsig_algorithm(const ldns_rr *r);

bool ldns_rr_rrsig_set_algorithm(ldns_rr *r, ldns_rdf *f);

ldns_rdf* ldns_rr_rrsig_labels(const ldns_rr *r);

bool ldns_rr_rrsig_set_labels(ldns_rr *r, ldns_rdf *f);

ldns_rdf* ldns_rr_rrsig_origttl(const ldns_rr *r);

bool ldns_rr_rrsig_set_origttl(ldns_rr *r, ldns_rdf *f);

ldns_rdf* ldns_rr_rrsig_expiration(const ldns_rr *r);

bool ldns_rr_rrsig_set_expiration(ldns_rr *r, ldns_rdf *f);

ldns_rdf* ldns_rr_rrsig_inception(const ldns_rr *r);

bool ldns_rr_rrsig_set_inception(ldns_rr *r, ldns_rdf *f);

ldns_rdf* ldns_rr_rrsig_keytag(const ldns_rr *r);
```

```
bool ldns_rr_rrsig_set_keytag(ldns_rr *r, ldns_rdf *f);

ldns_rdf* ldns_rr_rrsig_signame(const ldns_rr *r);

bool ldns_rr_rrsig_set_signame(ldns_rr *r, ldns_rdf *f);

ldns_rdf* ldns_rr_rrsig_sig(const ldns_rr *r);

bool ldns_rr_rrsig_set_sig(ldns_rr *r, ldns_rdf *f);
```

DESCRIPTION

ldns_rr_rrsig_typecovered() returns the type covered of a LDNS_RR_TYPE_RRSIG rr
r: the resource record
Returns a ldns_rdf* with the type covered or NULL on failure

ldns_rr_rrsig_set_typecovered() sets the typecovered of a LDNS_RR_TYPE_RRSIG rr
r: the rr to use
f: the typecovered to set
Returns true on success, false otherwise

ldns_rr_rrsig_algorithm() returns the algorithm of a LDNS_RR_TYPE_RRSIG RR
r: the resource record
Returns a ldns_rdf* with the algorithm or NULL on failure

ldns_rr_rrsig_set_algorithm() sets the algorithm of a LDNS_RR_TYPE_RRSIG rr
r: the rr to use
f: the algorithm to set
Returns true on success, false otherwise

ldns_rr_rrsig_labels() returns the number of labels of a LDNS_RR_TYPE_RRSIG RR
r: the resource record
Returns a ldns_rdf* with the number of labels or NULL on failure

ldns_rr_rrsig_set_labels() sets the number of labels of a LDNS_RR_TYPE_RRSIG rr
r: the rr to use
f: the number of labels to set
Returns true on success, false otherwise

ldns_rr_rrsig_origttl() returns the original TTL of a LDNS_RR_TYPE_RRSIG RR
r: the resource record

Returns a `ldns_rdf*` with the original TTL or NULL on failure

ldns_rr_rrsig_set_origttl() sets the original TTL of a `LDNS_RR_TYPE_RRSIG` rr

r: the rr to use

f: the original TTL to set

Returns true on success, false otherwise

ldns_rr_rrsig_expiration() returns the expiration time of a `LDNS_RR_TYPE_RRSIG` RR

r: the resource record

Returns a `ldns_rdf*` with the expiration time or NULL on failure

ldns_rr_rrsig_set_expiration() sets the expiration date of a `LDNS_RR_TYPE_RRSIG` rr

r: the rr to use

f: the expiration date to set

Returns true on success, false otherwise

ldns_rr_rrsig_inception() returns the inception time of a `LDNS_RR_TYPE_RRSIG` RR

r: the resource record

Returns a `ldns_rdf*` with the inception time or NULL on failure

ldns_rr_rrsig_set_inception() sets the inception date of a `LDNS_RR_TYPE_RRSIG` rr

r: the rr to use

f: the inception date to set

Returns true on success, false otherwise

ldns_rr_rrsig_keytag() returns the keytag of a `LDNS_RR_TYPE_RRSIG` RR

r: the resource record

Returns a `ldns_rdf*` with the keytag or NULL on failure

ldns_rr_rrsig_set_keytag() sets the keytag of a `LDNS_RR_TYPE_RRSIG` rr

r: the rr to use

f: the keytag to set

Returns true on success, false otherwise

ldns_rr_rrsig_signame() returns the signers name of a `LDNS_RR_TYPE_RRSIG` RR

r: the resource record

Returns a `ldns_rdf*` with the signers name or NULL on failure

ldns_rr_rrsig_set_signame() sets the signers name of a `LDNS_RR_TYPE_RRSIG` rr

r: the rr to use

f: the signers name to set
Returns true on success, false otherwise

ldns_rr_rrsig_sig() returns the signature data of a LDNS_RR_TYPE_RRSIG RR
r: the resource record
Returns a *ldns_rdf** with the signature data or NULL on failure

ldns_rr_rrsig_set_sig() sets the signature data of a LDNS_RR_TYPE_RRSIG rr
r: the rr to use
f: the signature data to set
Returns true on success, false otherwise

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.