

**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 [ldns-team@nlnetlabs.nl](mailto:ldns-team@nlnetlabs.nl) or in our bugzilla at <http://www.nlnetlabs.nl/bugs/index.html>

## COPYRIGHT

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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.