

**NAME**

ldns\_axfr\_start, ldns\_axfr\_next, ldns\_axfr\_abort, ldns\_axfr\_complete, ldns\_axfr\_last\_pkt - functions for full zone transfer

**SYNOPSIS**

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

#include <ldns/ldns.h>

ldns_axfr_start();

ldns_rr* ldns_axfr_next(ldns_resolver *resolver);

void ldns_axfr_abort(ldns_resolver *resolver);

bool ldns_axfr_complete(const ldns_resolver *resolver);

ldns_pkt* ldns_axfr_last_pkt(const ldns_resolver *res);
```

**DESCRIPTION**

*ldns\_axfr\_start()*

*ldns\_axfr\_next()* Get the next stream of RRs in a AXFR

**resolver:** the resolver to use. First *ldns\_axfr\_start()* must be called

Returns *ldns\_rr* the next RR from the AXFR stream After you get this returned RR (not NULL: on error), then check if *ldns\_axfr\_complete()* is true to see if the zone transfer has completed.

*ldns\_axfr\_abort()* Abort a transfer that is in progress

**resolver:** the resolver that is used

*ldns\_axfr\_complete()* Returns true if the axfr transfer has completed (i.e. 2 SOA RRs and no errors were encountered

**resolver:** the resolver that is used

Returns bool true if axfr transfer was completed without error

*ldns\_axfr\_last\_pkt()* Returns a pointer to the last *ldns\_pkt* that was sent by the server in the AXFR transfer usable for instance to get the error code on failure

**res:** the resolver that was used in the axfr transfer

Returns `ldns_pkt` the last packet sent

**AUTHOR**

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**REPORTING BUGS**

Please report bugs to [dns-team@nlnetlabs.nl](mailto: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.