NAME

    ldns_key_new, ldns_key_new_frm_algorithm, ldns_key_new_frm_fp, ldns_key_new_frm_fp_l,
    ldns_key_new_frm_fp_rsa, ldns_key_new_frm_fp_rsa_l, ldns_key_new_frm_fp_dsa,
    ldns_key_new_frm_fp_dsa_l - create a ldns_key

SYNOPSIS

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

    #include <ldns/ldns.h>

    ldns_key* ldns_key_new(void);

    ldns_key* ldns_key_new_frm_algorithm(ldns_signing_algorithm a, uint16_t size);

    ldns_status ldns_key_new_frm_fp(ldns_key **k, FILE *fp);

    ldns_status ldns_key_new_frm_fp_l(ldns_key **k, FILE *fp, int *line_nr);

    RSA* ldns_key_new_frm_fp_rsa(FILE *fp);

    RSA* ldns_key_new_frm_fp_rsa_l(FILE *fp, int *line_nr);

    DSA* ldns_key_new_frm_fp_dsa(FILE *fp);

    DSA* ldns_key_new_frm_fp_dsa_l(FILE *fp, int *line_nr);

DESCRIPTION

    ldns_key_new() Creates a new empty key structure
        Returns a new ldns_key * structure

    ldns_key_new_frm_algorithm() Creates a new key based on the algorithm

        a: The algorithm to use
        size: the number of bytes for the keysize
        Returns a new ldns_key structure with the key

    ldns_key_new_frm_fp() Creates a new priv key based on the contents of the file pointed by fp.

The file should be in Private-key-format v1.x.

k: the new ldns_key structure
fp: the file pointer to use
Returns an error or LDNS_STATUS_OK

ldns_key_new_frm_fp_l() Creates a new private key based on the contents of the file pointed by fp

The file should be in Private-key-format v1.x.

k: the new ldns_key structure
fp: the file pointer to use
line_nr: pointer to an integer containing the current line number (for debugging purposes)
Returns an error or LDNS_STATUS_OK

ldns_key_new_frm_fp_rsa() frm_fp helper function. This function parses the remainder of the (RSA)
priv. key file generated from bind9
fp: the file to parse
Returns NULL on failure otherwise a RSA structure

ldns_key_new_frm_fp_rsa_l() frm_fp helper function. This function parses the remainder of the (RSA)
priv. key file generated from bind9
fp: the file to parse
line_nr: pointer to an integer containing the current line number (for debugging purposes)
Returns NULL on failure otherwise a RSA structure

ldns_key_new_frm_fp_dsa() frm_fp helper function. This function parses the remainder of the (DSA)
priv. key file
fp: the file to parse
Returns NULL on failure otherwise a RSA structure

ldns_key_new_frm_fp_dsa_l() frm_fp helper function. This function parses the remainder of the
(DSA) priv. key file
fp: the file to parse
line_nr: pointer to an integer containing the current line number (for debugging purposes)
Returns NULL on failure otherwise a RSA structure

AUTHOR
The ldns team at NLnet Labs.

REPORTING BUGS

Please report bugs to ldns-team@nlnetlabs.nl or in our bugzilla at
http://www.nlnetlabs.nl/bugs/index.html

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SEE ALSO

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

REMARKS

This manpage was automatically generated from the ldns source code.