NAME

TS_RESP_CTX_new_ex, TS_RESP_CTX_new, TS_RESP_CTX_free - Timestamp response context object creation

SYNOPSIS

#include <openssl/ts.h>

TS_RESP_CTX *TS_RESP_CTX_new_ex(OSSL_LIB_CTX *libctx, const char *propq);
TS_RESP_CTX *TS_RESP_CTX_new(void);
void TS_RESP_CTX_free(TS_RESP_CTX *ctx);

DESCRIPTION

Creates a response context that can be used for generating responses.

TS_RESP_CTX_new_ex() allocates and initializes a TS_RESP_CTX structure with a library context of *libctx* and a property query of *propq*. The library context and property query can be used to select which providers supply the fetched algorithms.

TS_RESP_CTX_new() is similar to **TS_RESP_CTX_new_ex()** but sets the library context and property query to NULL. This results in the default (NULL) library context being used for any operations requiring algorithm fetches.

TS_RESP_CTX_free() frees the **TS_RESP_CTX** object *ctx*.

RETURN VALUES

If the allocation fails, **TS_RESP_CTX_new_ex()** and **TS_RESP_CTX_new()** return NULL, otherwise it returns a pointer to the newly allocated structure.

HISTORY

The function **TS_RESP_CTX_new_ex()** was added in OpenSSL 3.0.

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