NAME

OSSL_CRMF_MSG_get0_regInfo_utf8Pairs, OSSL_CRMF_MSG_set1_regInfo_utf8Pairs, OSSL_CRMF_MSG_get0_regInfo_certReq, OSSL_CRMF_MSG_set1_regInfo_certReq - functions getting or setting CRMF Registration Info

SYNOPSIS

#include <openssl/crmf.h>

ASN1_UTF8STRING
   *OSSL_CRMF_MSG_get0_regInfo_utf8Pairs(const OSSL_CRMF_MSG *msg);
int OSSL_CRMF_MSG_set1_regInfo_utf8Pairs(OSSL_CRMF_MSG *msg,
                     const ASN1_UTF8STRING *utf8pairs);
OSSL_CRMF_CERTREQUEST
   *OSSL_CRMF_MSG_get0_regInfo_certReq(const OSSL_CRMF_MSG *msg);
int OSSL_CRMF_MSG_set1_regInfo_certReq(OSSL_CRMF_MSG *msg,
                     const OSSL_CRMF_CERTREQUEST *cr);

DESCRIPTION

OSSL_CRMF_MSG_get0_regInfo_utf8Pairs() returns the first utf8Pairs regInfo in the given *msg*, if present.

OSSL_CRMF_MSG_set1_regInfo_utf8Pairs() adds a copy of the given *utf8pairs* value as utf8Pairs regInfo to the given *msg*. See RFC 4211 section 7.1.

OSSL_CRMF_MSG_get0_regInfo_certReq() returns the first certReq regInfo in the given *msg*, if present.

OSSL_CRMF_MSG_set1_regInfo_certReq() adds a copy of the given *cr* value as certReq regInfo to the given *msg*. See RFC 4211 section 7.2.

RETURN VALUES

All get0_*() functions return the respective pointer value, NULL if not present.

All set1_*() functions return 1 on success, 0 on error.

NOTES

Calling the set1_*() functions multiple times adds multiple instances of the respective control to the regInfo structure of the given *msg*. While RFC 4211 expects multiple utf8Pairs in one regInfo structure, it does not allow multiple certReq.

SEE ALSO

RFC 4211

HISTORY

The OpenSSL CRMF support was added in OpenSSL 3.0.

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