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Rocky Enterprise Linux 9.2 Manual Pages on command 'OSSL_CRMF_MSG_get0_regInfo_utf8Pairs.3oss1'

```
$ man OSSL_CRMF_MSG_get0_regInfo_utf8Pairs.3oss1
```

```
OSSL_CRMF_MSG_SET1_REGINFO_CERTREQ(3OOSSL_CRMF_MSG_SET1_REGINFO_CERTREQ(3oss1)
```

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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