

NAME

OPENSSL_strcasecmp, OPENSSL_strncasecmp - compare two strings ignoring case

SYNOPSIS

```
#include <openssl/crypto.h>
```

```
int OPENSSL_strcasecmp(const char *s1, const char *s2);
```

```
int OPENSSL_strncasecmp(const char *s1, const char *s2, size_t n);
```

DESCRIPTION

The OPENSSL_strcasecmp function performs a byte-by-byte comparison of the strings **s1** and **s2**, ignoring the case of the characters.

The OPENSSL_strncasecmp function is similar, except that it compares no more than **n** bytes of **s1** and **s2**.

In POSIX-compatible system and on Windows these functions use "C" locale for case insensitive. Otherwise the comparison is done in current locale.

RETURN VALUES

Both functions return an integer less than, equal to, or greater than zero if **s1** is found, respectively, to be less than, to match, or be greater than **s2**.

NOTES

OpenSSL extensively uses case insensitive comparison of ASCII strings. Though OpenSSL itself is locale-agnostic, the applications using OpenSSL libraries may unpredictably suffer when they use localization (e.g. Turkish locale is well-known with a specific I/i cases). These functions use C locale for string comparison.

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