

**NAME**

curl\_strequal, curl\_strnequal - case insensitive string comparisons

**SYNOPSIS**

```
#include <curl/curl.h>
```

```
int curl_strequal(const char *str1, const char *str2);  
int curl_strnequal(const char *str1, const char *str2, size_t length);
```

**DESCRIPTION**

The **curl\_strequal()** function compares the two strings *str1* and *str2*, ignoring the case of the characters. It returns a non-zero (TRUE) integer if the strings are identical.

The **curl\_strnequal()** function is similar, except it only compares the first *length* characters of *str1*.

These functions are provided by libcurl to enable applications to compare strings in a truly portable manner. There are no standard portable case insensitive string comparison functions. These two work on all platforms.

**EXAMPLE**

```
int main(int argc, char **argv)  
{  
    const char *name = "compare";  
    if(curl_strequal(name, argv[1]))  
        printf("Name and input matches\n");  
    if(curl_strnequal(name, argv[1], 5))  
        printf("Name and input matches in the 5 first bytes\n");  
}
```

**AVAILABILITY**

Always

**RETURN VALUE**

Non-zero if the strings are identical. Zero if they are not.

**SEE ALSO**

**strcmp(3)**, **strcasecmp(3)**