

**NAME**

curl\_easy\_escape - URL encodes the given string

**SYNOPSIS**

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

```
char *curl_easy_escape( CURL *curl, const char *string, int length );
```

**DESCRIPTION**

This function converts the given input *string* to a URL encoded string and returns that as a new allocated string. All input characters that are not a-z, A-Z, 0-9, '-', '.', '\_', or '~' are converted to their "URL escaped" version (%NN where NN is a two-digit hexadecimal number).

If *length* is set to 0 (zero), *curl\_easy\_escape(3)* uses *strlen()* on the input *string* to find out the size.

You must *curl\_free(3)* the returned string when you're done with it.

**AVAILABILITY**

Added in 7.15.4 and replaces the old *curl\_escape(3)* function.

**RETURN VALUE**

A pointer to a zero terminated string or NULL if it failed.

**EXAMPLE**

```
CURL *curl = curl_easy_init();
if(curl) {
    char *output = curl_easy_escape(curl, "data to convert", 15);
    if(output) {
        printf("Encoded: %s\n", output);
        curl_free(output);
    }
}
```

**SEE ALSO**

**curl\_easy\_unescape(3), curl\_free(3), RFC3986**