PG General Utilities

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2 **Module Index**

File Index

2.1 File List

Here is a list of all documented files with brief descriptions:	
include/string_general.h	
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src/strings/string_general.c	
Implementation of string helper functions	ξ

File Index

Module Documentation

3.1 String functions.

Functions

```
• char * trim_line_ending (char *str)
```

Trims CR and LF characters from the end of a string.

char * trim_right (char *str)

Trims trailing whitespace from a string.

char * trim_left (char *str)

Trims leading whitespace from a string.

• char * trim (char *str)

Trims leading and trailing whitespace from a string.

char * term_strdup (const char *str)

Duplicates a string and exits on failure.

3.1.1 Detailed Description

Generla purpose functions for manipulating strings.

3.1.2 Function Documentation

```
3.1.2.1 char* term_strdup ( const char * str )
```

Duplicates a string and exits on failure.

Parameters

str | The string to duplicate.

Returns

A pointer to the duplicated string.

```
3.1.2.2 char* trim ( char * str )
```

Trims leading and trailing whitespace from a string.

6 Module Documentation

Parameters

str	The string to trim.

Returns

A pointer to the passed string.

3.1.2.3 char* trim_left (char * str)

Trims leading whitespace from a string.

Parameters

str	The string to trim.

Returns

A pointer to the passed string.

3.1.2.4 char* trim_line_ending (char * str)

Trims CR and LF characters from the end of a string.

Parameters

str	The string to trim.
-----	---------------------

Returns

A pointer to the passed string.

3.1.2.5 char* trim_right (char * str)

Trims trailing whitespace from a string.

Parameters

str	The string to trim.

Returns

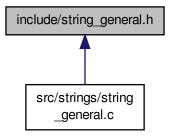
A pointer to the passed string.

File Documentation

4.1 include/string_general.h File Reference

Interface to string helper functions.

This graph shows which files directly or indirectly include this file:



Functions

• char * trim_line_ending (char *str)

Trims CR and LF characters from the end of a string.

• char * trim_right (char *str)

Trims trailing whitespace from a string.

• char * trim_left (char *str)

Trims leading whitespace from a string.

• char * trim (char *str)

Trims leading and trailing whitespace from a string.

• char * term_strdup (const char *str)

Duplicates a string and exits on failure.

4.1.1 Detailed Description

Interface to string helper functions.

8 File Documentation

Author

Paul Griffiths

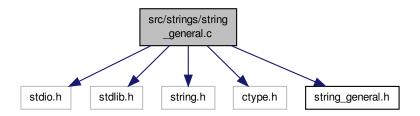
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4.2 src/strings/string_general.c File Reference

Implementation of string helper functions.

```
#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <ctype.h>
#include "string_general.h"
Include dependency graph for string_general.c:
```



Macros

#define _POSIX_C_SOURCE 200809L
 Enables POSIX library functions.

Functions

char * trim_line_ending (char *str)

Trims CR and LF characters from the end of a string.

• char * trim_right (char *str)

Trims trailing whitespace from a string.

char * trim_left (char *str)

Trims leading whitespace from a string.

• char * trim (char *str)

Trims leading and trailing whitespace from a string.

• char * term_strdup (const char *str)

Duplicates a string and exits on failure.

4.2.1 Detailed Description

Implementation of string helper functions.

Author

Paul Griffiths

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