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PHP trim() Function

❮ PHP String Reference

Example

Remove characters from both sides of a string ("He" in "Hello" and "d!" in "World"):

```php
<?php
$str = "Hello World!";
echo $str . "<br>";
echo trim($str,"Hed!");
?>
```

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Definition and Usage

The trim() function removes whitespace and other predefined characters from both sides of a string.

Related functions:

- ltrim() - Removes whitespace or other predefined characters from the left side of a string
- rtrim() - Removes whitespace or other predefined characters from the right side of a string

```
trim(string,charlist)
```

Parameter Values

Parameter	Description
string	Required. Specifies the string to check
charlist	Optional. Specifies which characters to remove from the string. If omitted, all of the following characters are removed: • "\0" - NULL • "\t" - tab • "\n" - new line • "\x0B" - vertical tab • "\r" - carriage return • " " - ordinary white space

Technical Details

Return Value:	Returns the modified string
PHP Version:	4+
Changelog:	The *charlist* parameter was added in PHP 4.1

More Examples

Example

Remove whitespaces from both sides of a string:

```php
$str = "Hello World! ";
echo "Without trim: " . $str;
echo "<br>";
echo "With trim: " . trim($str);
?>
```

The HTML output of the code above will be (View Source):

```html
<!DOCTYPE html>
<html>
<body>

Without trim:  Hello World! <br>With trim: Hello World!
</body>
</html>
```

The browser output of the code above will be:

```
Without trim: Hello World!
With trim: Hello World!
```

Try it Yourself »

Example

Remove newlines (\n) from both sides of the string:

```php
<?php
$str = "\n\n\nHello World!\n\n\n";
echo "Without trim: " . $str;
echo "<br>";
echo "With trim: " . trim($str);
?>
```

The HTML output of the code above will be (View Source):

```html
<!DOCTYPE html>
<html>
<body>

Without trim:
```

```
<br>With trim: Hello World!
</body>
</html>
```

The browser output of the code above will be:

```
Without trim: Hello World!
With trim: Hello World!
```

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