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absint( mixed \$maybeint ): int

Converts a value to non-negative integer.

Parameters

**\$maybeint**mixedrequired

Data you wish to have converted to a non-negative integer.

Return

**int** A non-negative integer.

Source

wp-includes/functions.php

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```
function absint( $maybeint ) {  
    return abs( (int) $maybeint );  
}
```

[View all references](#) · [View on Trac](#) · [View on GitHub](#)

Related

Used by

[WP\\_User\\_Query::generate\\_cache\\_key\(\)](#)

wp-includes/class-wp-user-query.php

[WP\\_REST\\_Menu\\_Items\\_Controller::prepare\\_item\\_for\\_response\(\)](#)

wp-includes/rest-api/endpoints/class-wp-rest-menu-items-controller.php

[WP\\_REST\\_Menu\\_Items\\_Controller::prepare\\_item\\_for\\_database\(\)](#)

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[WP\\_REST\\_Pattern\\_Directory\\_Controller::prepare\\_item\\_for\\_response\(\)](#)

wp-includes/rest-api/endpoints/class-wp-rest-pattern-directory-controller.php

[build\\_query\\_vars\\_from\\_query\\_block\(\)](#)

wp-includes/blocks.php

Changelog

| Version               | Description |
|-----------------------|-------------|
| <a href="#">2.5.0</a> | Introduced. |

User Contributed Notes

Drew Jaynes10 years ago

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When passing a negative integer, you'll get the non-negative, absolute value. Passing a non-int string returns 0, but passing -10, returns 10:

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```
echo absint( 'number' );      // 0
echo absint( 10 );           // 10
echo absint( -10 );          // 10
```

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M A Vinoth Kumar8 years ago

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When passing float, it will return integer value

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```
echo absint(20.33);          // 20
echo absint(-20.33);         // 20
echo absint(false);          // 0
echo absint(true);           // 1
echo absint(array(10,20,30)) // 1
echo absint(NULL)            // 0
```

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Joel James5 years ago

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Please note, due to a rounding error (<https://bugs.php.net/bug.php?id=33731>) you may sometimes get unexpected results for calculations like this:

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```
echo absint( 19.99 * 100 ); // Result is 1998, when the expected result is 1999
```

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```
absint()
```

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```

echo '<ul>
<li>0      returns '. absint( 0 ) . '</li>
<li>1      returns '. absint( 1 ) . '</li>
<li>-1     returns '. absint( -1 ) . '</li>
<li>-1 + 1 returns '. absint( (-1 + 1) ) . '</li>
<li>1 * -1 returns '. absint( (1 * -1) ) . '</li>
<li>1 / -1 returns '. absint( (1 / -1) ) . '</li>
<li>1 - 1  returns '. absint( (1 - 1) ) . '</li>
<li>0 * -1 returns '. absint( (0 * -1) ) . '</li>
<li>0 / 1  returns '. absint( (0 / 1) ) . '</li>
<li>0 - 1  returns '. absint( (0 - 1) ) . '</li>
<li>0.99 * 1 returns '. absint( (0.99 * 1) ) . '</li>
<li>1.99 * 1 returns '. absint( (1.99 * 1) ) . '</li>
<li>0.99 / 1 returns '. absint( (0.99 / 1) ) . '</li>
<li>1.99 / 1 returns '. absint( (1.99 / 1) ) . '</li>
</ul>'

```

Prints:

```
0 returns 0
1 returns 1
-1 returns 1
-1 + 1 returns 0
1 * -1 returns 1
1 / -1 returns 1
1 - 1 returns 0
0 * -1 returns 0
0 / 1 returns 0
0 - 1 returns 1
0.99 * 1 returns 0
1.99 * 1 returns 1
0.99 / 1 returns 0
1.99 / 1 returns 1
```

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