mb-encode-numericentity

mb_encode_numericentity

Encode character to HTML numeric string reference

ENTITY

string

mb_encode_numericentity

string

string

array

map

string

null

encoding

ENTITY

bool

hex

ENTITY

Converts specified character codes in `string` `string` from character code to HTML numeric character reference.

ENTITY

`string`
The `string` being encoded.

`map`
`map` is array specifies code area to convert.

`encoding`
ENTITY

`hex`
Whether the returned entity reference should be in hexadecimal notation (otherwise it is in decimal notation).

ENTITY

The converted `string`.

ENTITY

Throws a ValueError if `map` contains any value that is not an ENTITY, ENTITY, ENTITY, ENTITY, or a numeric string.

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8.4.0	The `mb_encode_numericentity` function now throws a ValueError if `map` contains any value that cannot be implicitly converted to int.

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`map` example

```
<?php

$convmap = array(
    int start_code1, int end_code1, int offset1, int mask1,
    int start_code2, int end_code2, int offset2, int mask2,
    // ........
    int start_codeN, int end_codeN, int offsetN, int maskN
```

```
);
// Specify Unicode value for start_codeN and end_codeN
// Add offsetN to value and take bit-wise 'AND' with maskN,
// then converts value to numeric string reference.
?>
```

`mb_encode_numericentity` example

```
<?php

$str = "aAæÆ□□□□";

/* Convert all UTF8 characters up to 4 bytes to HTML numeric character reference */
$convmap = [0, 0x1FFFFF, 0, 0x10FFFF];
var_dump(mb_encode_numericentity($str, $convmap, "utf8"));

/* Converts only 2-byte and 4-byte UTF8 characters to HTML numeric character reference */
$convmap = [
    0x80, 0x7FF, 0, 0x10FFFF,
    0x10000, 0x1FFFFF, 0, 0x10FFFF,
];

var_dump(mb_encode_numericentity($str, $convmap, "utf8"));
?>
```

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```
string(46) "&#97;&#65;&#230;&#198;&#12354;&#12450;&#40509;"
string(28) "aA&#230;&#198;□□&#40509;"
```

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`mb_decode_numericentity`

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