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Rating

Allow users to easily view and set ratings that reflect degrees of satisfaction with content and services.

About

Allow users to easily view and set ratings that reflect degrees of satisfaction with content and services. The `rating` control has several great features that provide flexibility and customization. To create `rating`, add role `rating` with attribute `data-role` to `input` element.

★★★★★

<input data-role="rating">

Options

The `rating` component has a number of options to setup it.

Stars count

By default the rating is displayed with five stars. You can set your own number of stars with attribute `data-stars="..."`. Value for this attribute must be a valid integer value.

★★★★★★★★★★★★

<input data-role="rating" data-stars="10">

Value, values and round values

You can set rated value with attribute `data-value="..."`. Value for this attribute must be a valid number value and less or equal of count of stars.

★★★★★

<input data-role="rating" data-value="3">

If your value is a float, you can use special attribute `data-round-func="round|ceil|floor"` to set round function. By default, used `round` function.

round

★★★★★

ceil

★★★★★

floor

★★★★★

<input data-role="rating" data-value="3.7" data-round-func="round">

<input data-role="rating" data-value="3.7" data-round-func="ceil">

<input data-role="rating" data-value="3.7" data-round-func="floor">

Each star has associated value, to determine the ranking. By default, this number is from 1 to the number of stars. You can set own set of values with attribute `data-values="..."`. Use **comma separated** string to set value for this attribute.

Click on star to view associated value.

★★★★★

★★★★★

<input data-role="rating" data-values="0.1, 0.2, 0.3, 0.4, 0.5">

<input data-role="rating" data-values="A, B, C, D, E">

Message

With attribute `data-message="..."` you can set additional information field for `rating`.

★★★★★ (3856)

<input data-role="rating" data-value="3" data-message="(3856)">

Colors

You can set own colors for rating with attributes `data-star-color="..."` and `data-stared-color="..."`. Value for this attribute must be valid **color hex value** or Metro 4 color name. A color names a defined in `Metro.utils`, you can see all names in example below.

★★★★★

★★★★★

★★★★★

★★★★★

<input data-role="rating" data-value="3" data-star-color="cyan" data-stared-color="pink">

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```
colors: {
  lime: '#a4c400',
  green: '#60a917',
  emerald: '#008a00',
  blue: '#00AFF0',
  teal: '#00aba9',
  cyan: '#1ba1e2',
  cobalt: '#0050ef',
  indigo: '#6a00ff',
  violet: '#aa00ff',
  pink: '#dc4fad',
  magenta: '#d80073',
  crimson: '#a20025',
  red: '#CB352C',
  orange: '#fa6800',
  amber: '#f0a30a',
  yellow: '#ffff00',
  brown: '#825a2c',
  olive: '#6d8764',
  steel: '#647687',
  mauve: '#76608a',
  taupe: '#87794e'
}
```

Static rating

If you need create static rating, use attribute `data-static="true"` to set it.

value=3
★★★★★ (3856)
value=3.5
★★★★★ (3856)

```
<input data-role="rating"
data-value="3"
data-message="(3856)"
data-static="true">
```

Events

When `rating` works, it generate the number of events. You can use callbacks for this events to interact with it.

Event	Data	Desc
<code>onStarClick(value, star, element)</code>	<code>data-on-star-click</code>	Fired when use click on the star on the not static rating
<code>onRatingCreate(element)</code>	<code>data-on-rating-create</code>	Fired when the rating was created.

★★★★★

```
<input id="rating-events"
data-role="rating"
data-on-star-click="
  alert('User rated this with value ' + arguments[0])
">
```

Methods

Rating has the number of methods to interact with it.

Method	Desc
<code>val()</code>	Get current rating value
<code>val(val)</code>	Set rating value
<code>msg(m)</code>	Set rating info message
<code>static(mode)</code>	Set rating mode: static when true or not when false

★★★★★ Please rate
Click me for rate

```
<input data-role="rating" id="rating-methods" data-message="Please rate">
<div>
  <button class="button" onclick="
    var v = Metro.utils.random(1, 5);
    var r = $('#rating-methods').data('rating');
    r.val(v).msg('Your rate is: ' + v);
  ">Click me for rate</button>
</div>
```

Customize

You can customize cube component. For change cube visual style use attributes: `data-cls-rating` - additional class for rating component, `data-cls-stars` - additional class for stars list, `data-cls-result` - additional class for message field. Use these attributes to set additional classes to cube elements.