

WebRating White Paper

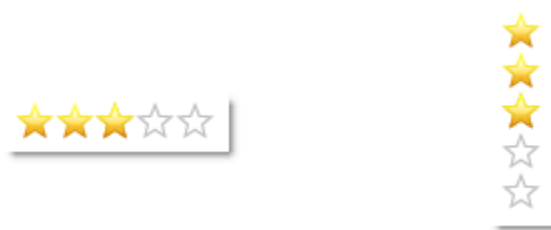
This whitepaper describes the concept and features introduced in WebRating.

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Flexible Orientation and Direction

WebRating offers two orientations, horizontal and vertical. When set, the rating direction will automatically follow its orientation, from left-to-right or top-to-bottom.



Additionally, the direction can be manipulated by setting **IsReversed** property to *true*.



Versatile Layout Customization

The combination of **Value**, **MinimalValue** and **MaximumValue** properties grants developers the ease to customize the entire layout. The **Value** property determines the WebRating's value. **MinimalValue** and **MaximumValue** represent the range of WebRating.

For example:



Value = 5
MinimalValue = 0
MaximumValue = 5



Value = 5
MinimalValue = 0
MaximumValue = 10



Value = 30
MinimalValue = 0
MaximumValue = 100

Flexible Number of Item

While generally only 5 stars are used for common rating, for example: a discussion forum, WebRating offers the flexibility to add or reduce the number of stars (item). Simply provide **ItemCount** property with specific number.



Customizable Rating Selection

WebRating offers three rating precision options that you can choose.

- Whole



Users will only be able to select full star, not partially, regardless of which part of an item (or star) that they click.

- Half



This option enables half item selection. Simply click and move the mouse to the center of the star to select half.

- Exact Position



This option provides the most accurate rating as it follows the where the mouse cursor stops precisely. If the mouse cursor stops at 1/8 of the item, then the selection is 1/8 of the item.

Integrated to FullPostBack and FlyPostBack (aka AJAX)

PostBack is triggered when WebRating's item is clicked. The **OnClick** client-side event is invoked just before the postback occur giving you the ability to perform any additional programming before postback. With 2 postback options, FullPostBack and FlyPostBack, both actions will land in **OnClick** server-side event with the recently clicked value as the parameter.

Note: OnClick client-side event must be specified in order to be triggered when an item is clicked.

XHTML Compliance

WebRating is designed to fully comply with W3C's XHTML standard – providing identical rendering when running in different modern XHTML-ready browsers.

Appearance and Styles

Default Styles

Three predefined styles are included.

1. Default



2. Black



3. Windows 7



Comprehensive Client Side Events

The following is the list of client side events in WebRating.

OnInitialize(*controlId*)

This client-side event will be invoked when WebRating is initialized.

OnClick(*controlId, newValue*)

This client-side event will be invoked when WebRating is clicked.

OnResponse(*controlId, action*)

This client-side event will be invoked when response is returned after a FlyPostBack action.

Rich Client-side APIs

The following is the list of client side APIs in WebRating.

GetElement()	Gets WebRating's element.
GetContainer ()	Gets WebRating's container.
GetItemElementByIndex (<i>index</i>)	Gets WebRating's item by index.
SetValue (<i>value</i>)	Set WebRating's value.