
Validation Error Displays

This section describes the recommended validation approach. It describes the preferred use of validation balloons, error indicators, grid error bars and in-place messages.

[Validation Balloons](#)

[Error Indicators](#)

[Grid Error Bar](#)


[In-Place Messages](#)

Validation Balloons

Brand DLL

Brand DLL control name and attributes go here.

Example Form

Name: 

Age:

City:

Name needs to be greater than 2 characters.

Usage

- Informs users of non-critical problems or special conditions for a control.
- Used with text-entry controls such as [text boxes](#).

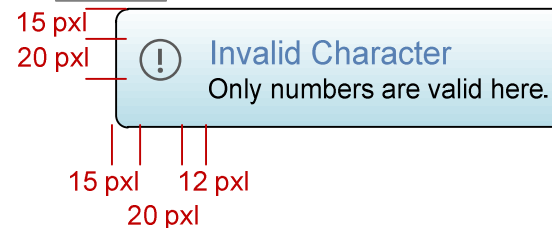
Interactions

- Balloon appears when an invalid field has focus.
- Balloon appears when an error is encountered for a control that has immediate validation.
- Clicking the balloon dismisses it.


Layout and Appearance

- Contains:
- Icon (optional).
 - Title summarizing the issue (optional).
 - If a title is not used, the body text must be included.
 - Body text describing problem and how to correct it (optional).
 - If body text is not used a title must be included.

Entrance Potential (V) 



15 pxl
20 pxl

 **Invalid Character**
Only numbers are valid here.

15 pxl 12 pxl
20 pxl

Specify a File Name




Specify a value between 0 and 50.

Balloon

	Color (RGB)
Border	0,0,0,
Background	Gradient: 255,255,255 – 189,224,234

	<ul style="list-style-type: none"> • Display only one balloon at a time. • Display balloons underneath and offset to the right of the control they refer to whenever possible • Validation balloons time out after ten seconds unless the user can't continue without resolving the problem in which case the balloon does not time out. • See the Text section for information on writing validation balloons. 	Text		
			Font	Color (RGB)
		Title	12 pt Arial	0,132,169
		Body	10 pt Arial	0,0,0
Related	<ul style="list-style-type: none"> • Text Boxes 			

Error Indicators

Brand DLL	<ul style="list-style-type: none">• Brand DLL control name and attributes go here.	 Error icon
Usage	<p>Used to draw attention to errors, warnings and information in dialogs, message boxes, and validation balloons.</p> <p>Error Icon</p> <ul style="list-style-type: none">• Used for messages that indicate that a problem has occurred. <p>Warning Icon</p> <ul style="list-style-type: none">• Used for messages that indicate that a condition occurs that might cause a problem. <p>Information Icon</p> <ul style="list-style-type: none">• Used with messages that contain additional but not essential information.	 Warning icon  Information icon
Layout and Appearance	<ul style="list-style-type: none">• Refer to the style guide section for the error, warning or information container (dialog etc.) for layout information.	
Related	<ul style="list-style-type: none">• Error and Warning Messages• Text• Tips• Validation Balloons	

Grid Error Bar

Brand DLL

- Brand DLL control name and attributes go here.

Usage

- Provides a consolidated view of all errors in a table or grid.
- Most useful for tables and grids that:
 - Have cells that cannot be validated immediately upon information entry.
 - Allow for imported information that may contain multiple errors.

Interactions

- Click the [progressive disclosure](#) icon to expand or collapse the error bar.
- Hovering over the error underlines and changes the text color of the error.
- Clicking the error text in the error bar moves the cell with the error into view and gives the cell focus.
- Selecting a cell with an error, or hovering over it displays the [validation balloon](#).
- Errors are removed from the list as soon as the cell has been corrected and revalidated.
 - Revalidation is done upon losing focus or upon button press.
- When all errors are cleared the error bar disappears.

Mass Range



	Compound	Start (Da)	Stop (Da)
▼	Click to view errors.		
1	My Compound	100.00	1000.00
2	My Compound(2)		2000.00
3	My Compound(3)	200	
4	My Compound (4)	300	

Specify Start Mass
Start Mass can be between X and XX Da.

Collapsed Error Bar



	ID	Start (Da)	Stop (Da)
▶	This is a link to the cell with this error in it. This is a link to the cell with this error in it. This is a link to the cell with this error in it. This is a link to the cell with this error in it. This is a link to the cell with this error in it.		
1	My Compound	100.00	1000.00
2		100.00	
3		100.00	

Expanded Error Bar

<p>Layout and Appearance</p> <ul style="list-style-type: none"> • Appears when a validation error occurs in the table or grid. <p>SINGLE ERROR</p> <ul style="list-style-type: none"> • Bar is closed with no progressive disclosure icon when there is only one error. • Error text is displayed as outline below. <p>CLOSED BAR</p> <ul style="list-style-type: none"> • With multiple errors: <ul style="list-style-type: none"> ○ Progressive disclosure icon is displayed aligned with the first line of text. ○ Warning icon is displayed between progressive disclosure icon and text to draw attention to the error bar. ○ Text indicates that clicking progressive disclosure error or text will expand error bar and displays the number of errors in the grid. <p>EXPANDED BAR</p> <ul style="list-style-type: none"> • The expanded bar is sized to provide an appropriate ratio of space to the error bar and table with the error bar being a maximum of 20% of the table's height. • A progressive disclosure icon is displayed aligned with the first line of text. • A warning icon is displayed between the progressive 			
	<p>NOTE: THIS IS NOT WINDOWS STANDARD: Links are blue and lighter blue on hover. No "previously clicked" colour.</p>	Font	Color
	Unclicked Error Text	10 pt Arial	0,0,0
	Error Text on Hover	10 pt Arial Underlined	0,0,255
	Clicked Error Text	10 pt Arial	128,0,128

	<p>disclosure icon and text to draw attention to the error bar.</p> <ul style="list-style-type: none"> • Errors are displayed and listed in order from top left to bottom right of the table. • Errors are descriptive and briefly indicate what the issue is. <ul style="list-style-type: none"> ○ Error text may be an excerpt of the validation balloon. ○ Error text should not be more than one line long if possible. 			
<p>Related</p>	<ul style="list-style-type: none"> • Error and Warning Messages • Tables and Grids • Text • Validation Balloons 			