

# Showing validation messages in lists, trees and grids

 Ready for implementation

## Goals

Magnolia has to show messages related to specific attributes of items in [lists](#), [trees](#) and [grids](#). An example of this is the inline editing in trees, which allows a user to change e.g. the page name without having to open the page properties edit dialog first.

For errors, the user usually has to fix the error in order to successfully complete an ongoing operation. Alternatively, he may choose to not fix the problem and cancel the operation entirely. If he decides to cancel the operation, all previously stored values are restored, if they exist.

## Concept

Validation messages inform of a problem caused by an input operation of the user.

If a validation message reports an **error**, it keeps the field with the attribute value editable and only disappears, if the user fixes the problem or cancels editing. If editing is cancelled or the user chooses to leave the context where editing took place (e.g. by closing the browser or switching to a different work area), Magnolia aborts the entire edit operation causing the error. So if the user added a page, but provided no page name, an error message is shown. If the user tries to dismiss the message, it stays forcing the user to provide a page name. If he then quits the browser, the page he attempted to add is not added at all. But if, on the other hand, the user edited a page and cleared the page name, this causes the same error message to appear. If he dismisses the message now, the previously stored value for the page name is restored.

If a validation message reports a **warning** or simply provides additional **information**, the field with the attribute value is marked and the user has to focus or select it in order to see the associated message. The message does not have to be dismissed and does not cancel any ongoing operation. It disappears, however, if the focus or selection is moved away from the field.

## Mockups

Pages		Resources			
Page name	Page title	Navigation title	Template	Last modified	
web	Welcome to AVRIL L.td.	Home	Home	Aug 2, 2010	
company		Company	Section	Aug 3, 2010	
about	About us	About us	Article	Aug 2, 2010	
mission	Our mission	Mission	Article	Sep 30, 2010	
directors	Board of Directors	Board	Article	Sep 21, 2010	
team		Team	Article	Sep 30, 2010	
careers	Careers	Careers	Article	Jul 17, 2010	
offices	Offices	Offices	Article	Jun 3, 2010	
solutions	Solutions	Ind. Solutions	Section	Nov 18, 2010	

Pages		Resources			
Page name	Page title	Navigation title	Template	Last modified	
web	Welcome to AVRIL L.td.	Home	Home	Aug 2, 2010	
cômpany		Company	Section	Aug 3, 2010	
about	About us	About us	Article	Aug 2, 2010	
mission	Our mission	Mission	Article	Sep 30, 2010	
directors	Board of Directors	Board	Article	Sep 21, 2010	
team		Team	Article	Sep 30, 2010	
careers	Careers	Careers	Article	Jul 17, 2010	
offices	Offices	Offices	Article	Jun 3, 2010	
solutions	Solutions	Ind. Solutions	Section	Nov 18, 2010	

Pages		Resources			
Page name	Page title	Navigation title	Template	Last modified	
web	Welcome to AVRIL L.td.	Home	Home	Aug 2, 2010	
company		Company	Section	Aug 3, 2010	
about	About us	About us	Article	Aug 2, 2010	
mission	Our mission	Mission	Article	Sep 30, 2010	
	Page name must be unique. It currently is undefined which page is taken for '/web/company/mission'.	rd	Article	Sep 21, 2010	
		m	Article	Sep 30, 2010	
		eers	Article	Jul 17, 2010	
mission	Offices	Offices	Article	Jun 3, 2010	
solutions	Solutions	Ind. Solutions	Section	Nov 18, 2010	

Pages		Resources			
Page name	Page title	Navigation title	Template	Last modified	
web	Welcome to AVRIL L.td.	Home	Home	Aug 2, 2010	
cômpany		Company	Section	Aug 3, 2010	
	Note that this name contains a non-ASCII character, which will be URL-encoded.	about us	Article	Aug 2, 2010	
		ission	Article	Sep 30, 2010	
		Board of Directors	Board	Article	Sep 21, 2010
		Team	Article	Sep 30, 2010	
		Careers	Article	Jul 17, 2010	
		Offices	Article	Jun 3, 2010	
		Ind. Solutions	Section	Nov 18, 2010	

**WARNING:** detected two equal (probably programmatically assigned) page names

The fields are marked as warnings. If focused or selected, the warning message is shown. It disappears if the focus or selection is moved to a different row.

**INFO:** (not very useful) informational message informing about URL-encoded characters

The fields are marked as info messages. If focused or selected, the info message is shown. It disappears if the focus or selection is moved to a different row.

Pages		Resources			
Page name	Page title	Navigation title	Template	Last modified	
web	Welcome to AVRIL L.td.	Home	Home	Aug 2, 2010	
company		Company	Section	Aug 3, 2010	
about	About us	About us	Article	Aug 2, 2010	
mission	Our mission	Mission	Article	Sep 30, 2010	
directors	Board of Directors	Board	Article	Sep 21, 2010	
team		Team	Article	Sep 30, 2010	
careers	Please provide a page title. ✕		Article	Jul 17, 2010	
offices	Offices	Offices	Article	Jun 3, 2010	
solutions	Solutions	Ind. Solutions	Section	Nov 18, 2010	

**ERROR** on input: attempt to hit ENTER on an empty, mandatory field

The focus stays on the field, the field remains editable, a message is attached to it. Taping on X or hitting ESC discards the message and reverts to the previous value.

Validation messages for inline editing  
- errors, warnings and info messages