

## Redmine - Patch #21805

### Improve accessibility for icon-only links

2016-01-23 18:55 - Daniel Ritz

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jean-Philippe Lang	<b>% Done:</b>	0%
<b>Category:</b>	UI	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	3.3.0		
<b>Description</b>			
Per <a href="#">#21256-9</a> , this patch adds invisible <code>&lt;span class="hidden-for-sighted"&gt;</code> as part of icon-only links to improve accessibility. The text in the span is automatically set to the <code>:title</code> attribute of the link.			
Based on <a href="#">r15093</a> , passes all tests with Ruby 2.1.5			
<b>Related issues:</b>			
Related to Redmine - Defect #32829: HTML entity is used in CSS string		<b>Closed</b>	

#### Associated revisions

##### Revision 15271 - 2016-03-20 10:34 - Jean-Philippe Lang

Improve accessibility for icon-only links by adding hidden text (#21805).

Patch by Daniel Ritz.

##### Revision 15272 - 2016-03-20 10:35 - Jean-Philippe Lang

Fix icon only links display (#21805).

#### History

##### #1 - 2016-01-31 10:57 - Jean-Philippe Lang

- Target version set to 3.3.0

I'd prefer not to add specific helper methods for this.

Can't we just use a regular link with the icon-only class and use some styling to hide the label, eg:

```
<a href="/foo" class="icon icon-only">Label</a>
```

and the CSS:

```
a.icon.icon-only {display:inline-block; width:0px; overflow:hidden;}
```

This is just an example, maybe the CSS could be improved.

##### #2 - 2016-01-31 16:40 - Daniel Ritz

- File 0001-Improve-accessibility-for-icon-only-links-v2.patch added

I don't like the helpers too much myself, but..here's why I did the helpers:

- No need to use `l(:bla)` twice (one for the invisible text, one for the title attribute)
- Shorter to write
- It's easy to forget the accessible content

Anyways, please have a look at v2 of the patch w/o the helpers.

##### #3 - 2016-01-31 20:27 - Daniel Ritz

- File 0001-Improve-accessibility-for-icon-only-links-v2.1.patch added

Daniel Ritz wrote:

Anyways, please have a look at v2 of the patch w/o the helpers.

Missed one:

```
diff --git a/app/views/news/show.html.erb b/app/views/news/show.html.erb
index 0390964..2178e1c 100644
--- a/app/views/news/show.html.erb
+++ b/app/views/news/show.html.erb
@@ -36,7 +36,7 @@
  <% @comments.each do |comment| %>
    <% next if comment.new_record? %>
    <div class="contextual">
-   <%= link_to_if_authorized '', {:controller => 'comments', :action => 'destroy', :id => @news, :comment_id
=> comment},
+   <%= link_to_if_authorized l(:button_delete), {:controller => 'comments', :action => 'destroy', :id => @ne
ws, :comment_id => comment},
                                     :data => {:confirm => l(:text_are_you_sure)}, :method => :delete,
                                     :title => l(:button_delete),
                                     :class => 'icon-only icon-del' %>
```

Found it because it broke badly. With the CSS in v2, a `<a class="icon-only icon-del"></a>` without any content inside the tag like the one I missed will not show anything at all in the browser, link completely gone. The `display:inline-block` is necessary to make it work with content, but breaks w/o content...it's fixable with this:

```
a.icon-only::after {
  content: "&nbsp;";
}
```

Not all that pretty, but seems to work...Fixed patch attached.

#### #4 - 2016-03-20 10:36 - Jean-Philippe Lang

- Status changed from New to Closed
- Assignee set to Jean-Philippe Lang

Patch committed, thanks. I made a few more changes to fix the display of these links in several places.

#### #5 - 2020-01-20 01:00 - Go MAEDA

- Related to Defect #32829: HTML entity is used in CSS string added

#### Files

0001-Improve-accessibility-for-icon-only-links.patch	29.3 KB	2016-01-23	Daniel Ritz
0001-Improve-accessibility-for-icon-only-links-v2.patch	19.4 KB	2016-01-31	Daniel Ritz
0001-Improve-accessibility-for-icon-only-links-v2.1.patch	20.3 KB	2016-01-31	Daniel Ritz