Redmine - Defect #1636

Use of Prototype's Element-methods (like this.up("form"))

2008-07-14 13:00 - C G

Status:	Closed		**Start date:**	2008-07-14
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:	UI		**Estimated time:**	0.00 hour
Target version:	0.8			
Resolution:	Fixed		**Affected version:**	

Description

In /views/issues/_list.rhtml for example you use "this.up('form')". Actually the up-method is not available on the element itself, but only by the element, when it is returned by the $() method.

Quote from the Prototype-Documentation:

```
Prototype adds many convenience methods to elements returned by the $() function.
```

So, the correct way would be using: **$(this).up('form')** or **Element.up(this,'form')**

In IE7 the up method is actually not available on "this". In your case it's working "accidentally", because there is a call to $$('.hascontextmenu') executed somewhere in context_menu.js during page load, and by that the up-method is added to all DOM elements.

To better understand the problem check out this example (make sure to set the correct path and filename to prototype.js)

```
<html>
<head>
  <script src="prototype-1.5.js"></script>
</head>
<body>

  <form id='theform'>
    <a id='thea' onclick='alert($(this).up("form").id); return false;' href='#'>CLICK HERE</a>
  </form>

  <script type='text/javascript'>
    // the following call to $$() is what essentially makes it work in Redmine (called from contex
t_menu.js via unselectAll):
    $$('.hascontextmenu');  // COMMENT THIS LINE AND CLICK THE 'CLICK HERE' LINK TO SEE THE 'BUG'
(in IE7)
  </script>

</body>
</html>
```

Regards,
Chris

Associated revisions

Revision 1667 - 2008-07-14 17:46 - Jean-Philippe Lang

Javascript fix (#1636).

History

#1 - 2008-07-14 17:45 - Jean-Philippe Lang

- Status changed from New to Closed

- Target version set to 0.8

- Resolution set to Fixed

Fixed in [r1667](#).
Thanks for your tip.