

## Redmine - Defect #1636

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

2008-07-14 13:00 - C G

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

#### 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 $$() is what essentially makes it work in Redmine (called from context_menu.js via unselectAll):
    $$('.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.