

## Redmine - Defect #2508

### Do not use absolute URL !

2009-01-14 15:40 - Martin Letendre

<b>Status:</b> Closed	<b>Start date:</b> 2009-01-14
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 0%
<b>Category:</b>	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b>	<b>Affected version:</b>
<b>Resolution:</b>	
<b>Description</b>	
<p>Everywhere in the application you should use relative URL instead of absolute URL. For example in the login page you have this reference to a javascript file(this URL is absolute! ):</p> <pre>&lt;script src="/javascripts/main.js?1215344801" type="text/javascript"&gt;&lt;/script&gt;</pre> <p>You should have this reference instead:</p> <pre>&lt;script src="javascripts/main.js?1215344801" type="text/javascript"&gt;&lt;/script&gt;</pre> <p>This is really important if you use redmine in a corporate environment where there is often a web server configure in a reverse proxy mode (example: apache httpd) in front of the web application (ex: redmine).</p> <p>PS: Reverse Proxy <a href="http://en.wikipedia.org/wiki/Reverse_proxy">http://en.wikipedia.org/wiki/Reverse_proxy</a></p> <hr/> <p>I found this issue while installing apache httpd behind redmine in an enterprise context. Here is my apache httpd configuration.</p> <pre>ProxyPass /redmine https://redmine-host:3000/ ProxyPassReverse /redmine https://redmine-host:3000/</pre> <p>This configuration means: if you receive a query at <a href="https://apache-httpd-web-server-host/redmine">https://apache-httpd-web-server-host/redmine</a> than redirect the request to <a href="http://redmine-host:3000/">http://redmine-host:3000/</a></p> <p>The problem with using absolute URL is that you break this process.</p> <p>-----</p> <p>For example the link to your JavaScript file should be (with relative URL):</p> <pre><a href="https://apache-httpd-web-server-host/redmine/javascripts/main.js?1215344801">https://apache-httpd-web-server-host/redmine/javascripts/main.js?1215344801</a></pre> <p>Because you're using absolute URL it search for an unexisting resource</p> <pre><a href="https://apache-httpd-web-server-host/javascripts/main.js?1215344801">https://apache-httpd-web-server-host/javascripts/main.js?1215344801</a></pre>	
<b>In conclusion:</b>	
Absolute URL is like Crossing the Streams ... <a href="http://www.youtube.com/watch?v=8jJ2WnRjzWs">http://www.youtube.com/watch?v=8jJ2WnRjzWs</a>	

## History

**#1 - 2009-01-14 15:55 - Martin Letendre**

PS: Your product stand out of the crowd. I hope my compagny will be able to buy the support soon.

**#2 - 2009-01-14 16:47 - Jean-Baptiste Barth**

I disagree, there's no real problem with that imho.

The problem you describe does not seem to be about using reverse proxying. Your problem is about using Redmine in a subdirectory ("/redmine/" in your case). It has been discussed [here](#) and [here](#), you should read this articles first.

It's really easy with Mongrel and its "--prefix" option, but if you don't use Mongrel I strongly advice you change the URL from "www.yoursite.com/redmine/" to a subdomain with an apache virtual host, maybe "redmine.yoursite.com" or something like this.

**#3 - 2009-01-14 18:34 - Jean-Philippe Lang**

- *Status changed from New to Closed*
- *Affected version (unused) deleted (0.8.0)*

Another solution: add the following line at the end of config/environment.rb:

```
 ActionController::AbstractRequest.relative_url_root = "/redmine"
```

All links will be prefixed with "/redmine" which is what you need.

**#4 - 2009-01-15 15:06 - Jean-Baptiste Barth**

I missed that.. The article I pointed out is clearly outdated with this directive.