

Redmine - Feature #31196

Updates jQuery to 2.2.4 and adds jQuery Migrate library

2019-04-12 12:17 - Federico Vera

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Go MAEDA	<b>% Done:</b>	0%
<b>Category:</b>	Third-party libraries	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	4.1.0		
<b>Resolution:</b>	Fixed		
<b>Description</b> The current version of jQuery used in Redmine (1.11.1) is a couple of years old, and plagued with known <a href="#">security vulnerabilities</a> and some that are not listed in CVE.  jQuery itself releases a plugin called <a href="#">jQuery Migrate</a> to help with the transition.  The question is, is there any plan to upgrade jQuery?			
<b>Related issues:</b> Related to Redmine - Patch #31884: Fix JQMIGRATE: jQuery.fn.load() is deprecated <b>Closed</b> Related to Redmine - Defect #31870: Remove deprecated .zIndex() method <b>Closed</b> Related to Redmine - Patch #31894: Fix "jQuery.fn.attr('selected') might use ..." <b>Closed</b>			

Associated revisions

**Revision 18363 - 2019-08-13 16:18 - Go MAEDA**  
Updates jQuery to 2.2.4 and adds jQuery Migrate library to find APIs and features that have been or will be removed from jQuery core (#31196).  
  
Patch by Marius BALTEANU.

**Revision 18364 - 2019-08-13 16:23 - Go MAEDA**  
Fix JQMIGRATE: jQuery.fn.load() is deprecated (#31884, #31196).  
  
Patch by Marius BALTEANU.

**Revision 18365 - 2019-08-14 01:28 - Go MAEDA**  
Fix jQuery.fn.attr('selected') might use property instead of attribute (#31894, #31196).  
  
Patch by Marius BALTEANU.

History

- #1 - 2019-04-12 12:18 - Federico Vera**  
Related issue: [#30486](#)
- #2 - 2019-05-20 14:46 - Philippe Bourjac**  
Federico Vera wrote:
- The current version of jQuery used in Redmine (1.11.1) is a couple of years old, and plagued with known [security vulnerabilities](#) and some that are not listed in CVE.

jQuery itself releases a plugin called [jQuery Migrate](#) to help with the transition.

The question is, is there any plan to upgrade jQuery?
- Hello there,
- I am interested in this subject too, as we are using redmine 4.0.3 and security services are putting some pressure on us because of this vulnerability (they are asking me to shut the redmine system down).  
Any plan to migrate to latest jQuery version?

Regards,  
Philippe

**#3 - 2019-05-20 15:39 - Marius BĂLTEANU**

- Tracker changed from Defect to Feature
- Assignee set to Marius BĂLTEANU

I've some work in progress on this topic.

**#4 - 2019-08-13 00:37 - Marius BĂLTEANU**

- Assignee deleted (Marius BĂLTEANU)

Here is a [patch](#) (I cannot attached it here because of the size - please use the download option or access the patch directly using this [link](#)) that updates jQuery to version 2.2.4. Because we didn't check the entire JS code, I propose to use the [jQuery Migrate](#) library which will help us identifying all the issues that we need to fix before moving to next major version. I think it's safe to commit this as soon as possible and report the issues found by the library.

Hopefully, we can migrate to jQuery 3 or 4 (which is under development) in Redmine [4.2.0](#) or [5.0.0](#).

**#5 - 2019-08-13 02:00 - Marius BĂLTEANU**

- Related to Patch #31884: Fix JQMIGRATE: jQuery.fn.load() is deprecated added

**#6 - 2019-08-13 03:02 - Go MAEDA**

- Related to Defect #31870: Remove deprecated .zIndex() method added

**#7 - 2019-08-13 03:04 - Go MAEDA**

- Target version set to 4.1.0

Marius BALTEANU wrote:

I think it's safe to commit this as soon as possible and report the issues found by the library.

Setting the target version to 4.1.0. Thank you for working hard on this.

**#8 - 2019-08-13 16:20 - Go MAEDA**

- Subject changed from jQuery version in use is old and insecure to Updates jQuery to 2.2.4 and adds jQuery Migrate library
- Status changed from New to Closed
- Assignee set to Go MAEDA
- Resolution set to Fixed

Committed the patch. Thank you.

**#9 - 2019-08-13 22:09 - Marius BĂLTEANU**

- Related to Patch #31894: Fix "jQuery.fn.attr('selected') might use property instead of attribute" added

**#10 - 2019-08-30 01:44 - Go MAEDA**

- Category changed from Security to Third-party libraries