Redmine - Feature #31196
Updates jQuery to 2.2.4 and adds jQuery Migrate library
2019-04-12 12:17 - Federico Vera

Status: Closed
Priority: Normal
Assignee: Go MAEDA
Category: Third-party libraries
Target version: 4.1.0
Resolution: Fixed

Start date: 
Due date: 
% Done: 0%
Estimated time: 0.00 hour

Description
The current version of jQuery used in Redmine (1.11.1) is a couple of years old, and plagued with known [security vulnerabilities](https://example.com) and some that are not listed in CVE.

jQuery itself releases a plugin called [jQuery Migrate](https://example.com) to help with the transition.

The question is, is there any plan to upgrade jQuery?

Related issues:
- Related to Redmine - Patch #31884: Fix JQMIGRATE: jQuery.fn.load() is deprecated
- Related to Redmine - Defect #31870: Remove deprecated .zIndex() method
- Related to Redmine - Patch #31894: Fix "jQuery.fn.attr('selected') might use ..."

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](https://example.com) and some that are not listed in CVE.

jQuery itself releases a plugin called [jQuery Migrate](https://example.com) 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?
I've some work in progress on this topic.

Here is a patch (I cannot attach 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.

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.

Committed the patch. Thank you.