

## Redmine - Feature #29663

### Select a JavaScript library to handle tags

2018-09-23 14:03 - Marius BALTEANU

<b>Status:</b>	New	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jean-Philippe Lang	<b>% Done:</b>	0%
<b>Category:</b>	Third-party libraries	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Resolution:</b>			

#### Description

I would like to continue my work on #1448 and in order to do it, I think that we should agree on which Javascript library we're going to use to handle the tags. I don't think that it worths to make our custom implementation and reinvent the wheel.

In my second patch from the mentioned issue, I've proposed [Selectize.js](#) because is maintained and has tests.

Other alternatives:

- [Select2](#): which was my first option but I know that you prefer to not add it to the core (#23310#note-11). Also, this library is added by many plugins developers like Redmine UP, RM Plus, AlphaNodes, etc.

- [Tag-it](#): which is currently used by the redmine\_tags plugin, but the library is no longer maintained (last commit in 2014) and I would like to avoid using it.

- [Taggle](#): it has only few stars on github.

- [tagEditor](#): only few stars on github and it doesn't have tests

Also, I think that this library can be used to improve other functionalities like:

- query columns selection
- add multiple watchers or members
- improved drop downs with many values.

Sizes in minified version:

Selectize	38.4 KB
Select2	66.3 KB

Jean-Philippe Lang, please let me know what do you think.

#### Related issues:

Related to Redmine - Feature # 1448: Add tags to issues	<b>New</b>	<b>2008-06-14</b>
Related to Redmine - Feature # 29732: Populate items in drop down lists from ...	<b>New</b>	
Related to Redmine - Feature # 31313: Add search/filter to project select box...	<b>New</b>	

#### History

##### #1 - 2018-09-23 14:03 - Marius BALTEANU

- Private changed from Yes to No

##### #2 - 2018-09-25 15:13 - Marius BALTEANU

- Related to Feature #1448: Add tags to issues added

##### #3 - 2018-10-05 01:05 - Go MAEDA

- Related to Feature #29732: Populate items in drop down lists from internal/external source added

##### #4 - 2019-05-06 06:52 - Adrien Crivelli

It seems Jean-Philippe Lang is not very active nowadays, could this decision be made by Go MAEDA instead ? so that Marius work can go on ?

Selectize.js sounds like a fair choice.

**#5 - 2019-05-06 08:27 - Marius BALTEANU**

- Assignee changed from Jean-Philippe Lang to Marius BALTEANU

I would like to review my proposals in order to include some libraries non jQuery dependent.

**#6 - 2019-05-08 22:03 - Marius BALTEANU**

- Related to Feature #31313: Add search/filter to project select box in ticket create/edit form added

**#7 - 2019-06-21 09:51 - Marius BALTEANU**

- Assignee changed from Marius BALTEANU to Jean-Philippe Lang

I looked for some other libraries that can be used to handle the tags:

- [Tagify](#): JavaScript vanilla tag component, no custom dropdown. The size is ~7kb gzipped.
- [Choices](#): tags and custom dropdown, like Select2 or Selectize, but not jQuery depending. The size is 22kb gzipped.

**#8 - 2019-06-21 11:36 - Bernhard Rohloff**

Choices.js looks very good to me because it's more versatile and provides also options for improvements of other fields in the future.

**#9 - 2019-08-18 12:52 - Marius BALTEANU**

Another library is <https://slimselectjs.com> which seems to be a very good candidate from my tests.

**#10 - 2019-10-19 13:53 - Marius BALTEANU**

Jean-Philippe, can you help us with a feedback on this? I would like to finish my work on the tags solution for 4.2.0.