

Redmine - Feature #1448

Add tags to issues

2008-06-14 04:59 - Ask Bjørn Hansen

<b>Status:</b>	New	<b>Start date:</b>	2008-06-14
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Marius BĂLTEANU	<b>% Done:</b>	0%
<b>Category:</b>	Issues	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Candidate for next major release		
<b>Resolution:</b>			
<b>Description</b> Many of our issues span multiple categories -- or more specifically, we'd like to be able to search and manage them with something more flexible than just categories.  It'd be great if there was a way to add tags to issues.			
<b>Related issues:</b> Related to Redmine - Feature #2897: Tagging in Redmine <b>New</b> <b>2009-03-04</b> Related to Redmine - Feature #29663: Select a JavaScript library to handle tags <b>New</b> Has duplicate Redmine - Feature #9616: replace "issue categories" with labels <b>Closed</b> <b>2011-11-20</b>			

History

- #1 - 2008-06-14 06:46 - James Turnbull  
Ask - I just added a Custom Field (long text) and made it search-able. Seems to work reasonably well.
- #2 - 2008-06-16 06:44 - Jani Tiainen  
It would be better to have global,unified tagging feature so you could select one or more tags to your wiki page, document, forums or issues maybe even changesets.  
  
This kind of tag information could be used to construct more spesific views that can group together all that information.
- #3 - 2008-07-10 17:38 - Holger Winkelmann  
+1 for tags, is one stopper to migrate our system to redmine
- #4 - 2008-07-14 08:38 - Stefan Kremer  
+1
- #5 - 2008-07-14 18:50 - David Petersen  
A true tagging system would be very handy.
- #6 - 2008-07-21 18:10 - Eric Davis  
+1 I think this would be a great feature. There are several tagging plugins for Rails already that we can use.
- #7 - 2008-07-30 10:02 - gabriel scolan  
+1
- #8 - 2008-07-30 13:50 - Daniel N  
+1 Would improve usability...
- #9 - 2008-07-30 14:38 - Patrick Oppenlander  
+1 like this idea very much!
- #10 - 2008-08-13 21:00 - Matthew Williams  
+1  
  
Add tagging support for projects as well. Being able to tag a project "opensource" versus "proprietary" along with other tags would be very useful.

**#11 - 2008-09-14 18:24 - Elliot Winkler**

So anyone have any plans to work on this? Otherwise I'll take a crack at it. It looks like some people want tagging all around the system, but I would probably limit it to tickets for the time being since that's all I really need, and leave it up to other people that want other features (besides I've never hacked around with the Redmine source so this will be my first foray into that ;))

**#12 - 2008-09-15 15:54 - Paolo Sulprizio**

+1!  
Tags could substitute category. It's very web 2.0! ;)

**#13 - 2009-03-04 10:06 - karthikeyan rangaswamy**

How This Custom Field with the searchable option will be used as tag.I want this Tagging functionality in News,Issues,Documents,Forums,Wiki,Messages,Changesets

Custom fields can be created only for Projects,Issues and users as far as i Know

For Tagging Documents under Particular tagging is there any Plugin Available

I want to implement This Tagging functionality in all possible places in Redmine.How can i accomplish this functionality.Please guide me in this issue

**#14 - 2009-04-21 15:40 - J Cayetano Delgado**

+1

**#15 - 2009-05-08 11:33 - Sami Isomäki**

+1

**#16 - 2009-05-14 19:27 - George Crawford**

+1

**#17 - 2009-05-15 18:34 - Zarooba Rozruba**

I do not mind tags, but they will not be able to replace Categories.

Currently categories have default assignee. This means: create issue, drop it to a category, and issue gets auto assigned. With tags you will not be able to resolve who is auto assigned to issue. And assigning multiple people only makes everyone think that 'the other guy will do it'.

Tags yes, but do not remove Category, unless someone has a solution on auto assign an assignee from tags?

**#18 - 2009-05-22 13:43 - Mathew C**

This is related to [#480](#) - "Wiki: Support categories tagging and autolisting" and the more general issue [#2897](#) - "Tagging in Redmine".

Personally tagging would be good for the wiki as pages don't always fit into a neat category so being able to add tags is one step better than just relying on the good search facilities in Redmine.

**#19 - 2009-08-13 22:23 - Eric Harris-Braun**

+1

**#20 - 2009-09-03 00:39 - Lucas Panjer**

+1

**#21 - 2009-09-15 07:01 - Randy Syring**

+1

**#22 - 2009-09-15 15:52 - Babar O'Cap**

+1

**#23 - 2009-10-01 20:09 - Guilherme Schneider**

+1  
I really miss this feature. For my needs, it could replace category in tickets.

**#24 - 2009-11-29 14:04 - Andreas Hartmann**

+1 from me too.

**#25 - 2009-12-14 14:32 - Eduardo Turiño**

+1

**#26 - 2010-02-19 14:55 - Pedro Gutierrez**

+1

The possibility of tagging issues is a minimum to identify areas affected by them.

Ok, it is not like the more desirable feature of mapping issues with the configuration items affected but as currently there is no plugin providing an inventory or Configuration Management DataBase I think that tagging is an interesting first step and more than enough for most of us.

I agree that tagging is not a substitute for categories.

**#27 - 2010-03-05 18:08 - Roman Belyakov**

+1

**#28 - 2010-03-11 15:02 - Philippe Lafoucrière**

+1 (I'll also check if there's a "vote" feature in redmine :) )

**#29 - 2010-03-15 13:31 - Evgeny Mukhin**

We don't use redmine yet and I thought that the categories are actually the tags, but further investigation reveals that is not. Sad. It won't take much time to anybody who knows ruby to add one more enum field like categories and add possibility to search issues by that field.

**#30 - 2010-03-15 13:39 - Evgeny Mukhin**

Of course it must be possible to add multiple tags.

**#31 - 2010-04-12 13:35 - Alexander Usikov**

+1

**#32 - 2010-04-12 13:56 - minkbear minkbear**

+1

**#33 - 2010-04-20 09:36 - Philippe Lafoucrière**

<http://github.com/mbleigh/acts-as-taggable-on>

is a very active plugin, and easy to setup ;)

**#34 - 2010-04-20 12:57 - minkbear minkbear**

+1

**#35 - 2010-04-20 14:11 - Yuki Kita**

+1

**#36 - 2010-04-20 23:23 - Ivar V**

+1 ... this would be a major step towards completely, truly ruling the world.

**#37 - 2010-04-22 21:19 - Anonymous**

Tags are nice but I find them to get really disorganized due to users putting in either random or excessive amounts of words, which is why I favor admin/manager controlled categories they can select from.

You could always go the way of GMail and allow issues to be assigned multiple categories, instead of creating an entirely separate feature that does more or less the same thing (in my opinion).

**#38 - 2010-04-22 21:25 - Eric Davis**

- Status changed from New to 7

- Assignee set to Eric Davis

I've just completed a prototype with this for a client using acts-as-taggable-on. Once I get their permission, I'm going to try to extract it into a plugin or core patch.

Mike K: Tags can become disorganized but I find that's better than having to define one Category per issue. I'm thinking about adding some permissions for editing tags, so you can restrict who can re-tag an issue (e.g. UserA can add new tags, UserB can only add existing tags).

**#39 - 2010-04-22 21:33 - Anonymous**

Eric Davis wrote:

permissions for editing tags, so you can restrict who can re-tag an issue (e.g. UserA can add new tags, UserB can only add existing tags).

I like that idea and solves my only concern ;)

Letting privileged users manage (add/edit/delete) the tags via some sort of panel would be needed if you plan to replace categories though, especially for newly created projects so you can define new tags they can use without being forced to add new issues in order to do so.

**#40 - 2010-04-22 21:34 - Randy Syring**

Eric Davis wrote:

I've just completed a prototype with this for a client using acts-as-taggable-on. Once I get their permission, I'm going to try to extract it into a plugin or core patch.

Mike K: Tags can become disorganized but I find that's better than having to define one Category per issue. I'm thinking about adding some permissions for editing tags, so you can restrict who can re-tag an issue (e.g. UserA can add new tags, UserB can only add existing tags).

Eric,

Great to hear! The permission model you laid out seems like it will work well too. Might you also want to have a permission which allows the user to assign or unassign tags to the issue? That way, you can have a user (in my case a customer) who can not edit the issue but can tag it with existing tags. That way, they can affect "state" change without really being able to edit the issue. If you did it this way, it seems like the two permissions are:

- manage tags
- assign/unassign tags to issues

Will you be able to share tags across projects?

**#41 - 2010-04-22 21:46 - Eric Davis**

Mike K wrote:

Letting privileged users manage (add/edit/delete) the tags via some sort of panel would be needed if you plan to replace categories though, especially for newly created projects so you can define new tags they can use without being forced to add new issues in order to do so.

I don't want to replace categories yet, just add tags as a more flexible option. Maybe later we can merge categories and tags.

Randy Syring wrote:

Great to hear! The permission model you laid out seems like it will work well too. Might you also want to have a permission which allows the user to assign or unassign tags to the issue? That way, you can have a user (in my case a customer) who can not edit the issue but can tag it with existing tags. That way, they can affect "state" change without really being able to edit the issue.

I was thinking:

- view tags
- add new tag - e.g. adding a new tag
- manage tags on issue - e.g. editing tags on an issue, would only use existing tags

Will you be able to share tags across projects?

Yes, I'd think that would be needed.

**#42 - 2010-05-16 22:57 - Philippe Lafoucrière**

I know it's a different subject, but I think tags should be employed more widely in redmine. It would be useful for documents as well. Thanks

**#43 - 2010-06-24 14:59 - Aleksey Zapparov**

Eric Davis wrote:

Maybe later we can merge categories and tags.

IMHO it's better to keep both, categories and tags. Or, for example rename "categories" with "components".

**#44 - 2010-06-24 15:02 - Aleksey Zapparov**

Is there any progress on this issue?

Eric, I would like to offer my help, if you need some hands more :))

**#45 - 2010-06-25 06:39 - Nicholas Kulikov**

+1

**#46 - 2010-07-02 14:12 - Benjamin Neau**

Eric, are there any news?

Could this feature make ti v1.0.0?

**#47 - 2010-07-23 08:54 - Pedro Gutierrez**

Philippe Lafoucrière wrote:

I know it's a different subject, but I think tags should be employed more widely in redmine. It would be useful for documents as well.  
Thanks

I agree,  
tags would be great for issues, but they are a must for documents

**#48 - 2010-10-08 20:08 - Royce Williams**

+1

To clarify tags vs categories:

As patterns in tagging emerge, you can "pave the cow path" by turning some tags into categories (while allowing other tags to remain a cross-referencing and grouping tool).

Tags are a little like people writing in the margins on a well-established paper form. They're a great way to determine how the form can be improved.

Adding tags is an extremely high-leverage activity. It will free up productivity for all Redmine sites and end users.

**#49 - 2010-11-04 10:32 - Siegfried Vogel**

+1

Tagging a la Trac would support many use cases!

How will tags be protected from inappropriate deletion by users with insufficient rights?

**#50 - 2010-11-27 00:40 - Eric Davis**

- Assignee deleted (Eric Davis)

I am stepping down from working on Redmine. If someone else is interesting in working on this issue, feel free to reassign it to them.

Eric Davis

**#51 - 2010-11-27 22:00 - Aleksey Zapparov**

I have some success on implementing tags on base of acts\_as\_taggable on steroids <[https://github.com/iviney/acts\\_as\\_taggable\\_on\\_steroids](https://github.com/iviney/acts_as_taggable_on_steroids)>.  
Soon I'll push it onto github, so if core team will be interested I'll be very proud to share the patch.

**#52 - 2010-11-28 12:12 - Aleksey Zapparov**

My fork is based on top of Eric's git repo and available as a separate branch here:  
[https://github.com/ixti/redmine/tree/taggable\\_issues](https://github.com/ixti/redmine/tree/taggable_issues)

Right now everything works. The only thing that is left is to make representation more sexy :))

**#53 - 2010-11-28 19:59 - Aleksey Zapparov**

- File 2010-11-28-195503\_1280x787\_scrot.png added

- File 2010-11-28-195712\_1280x787\_scrot.png added

- File 2010-11-28-195534\_1280x787\_scrot.png added

Ok, now everything is ready, the only thing that left is some css styling eye-candies.

**#54 - 2010-11-28 20:07 - Aleksey Zapparov**

- File 2010-11-28-200949\_1280x787\_scrot.png added

- File 2010-11-28-201000\_1280x787\_scrot.png added

**#55 - 2010-11-30 19:07 - Andrew Vit**

What are the different efforts trying to implement this? I see there's also a [redmine\\_tagging](#) plugin: which one is more mature?

**#56 - 2010-11-30 19:17 - Aleksey Zapparov**

Hmm... seems like I was to hurry in my wish to implement this. :)) Next time will google harder. I believe redmine\_tagging is more mature.

**#57 - 2010-12-02 22:51 - Aleksey Zapparov**

Although, probably, redmine\_tagging is more mature (I will install it to see what it can and what it can't), I believe that tagging should be core feature (you don't use categorizing issues like a plugin, don't you?) and not pluggable. Anyway I have improved my fork, so now tags are looking more nice (with graceful downgrading), filtering works better and more predictable, settings are more clean. The only thing my fork miss is it's only for issues, but I don't see any problems to extend it to support wiki.

**#58 - 2010-12-17 18:35 - Fernando Hartmann**

+1

**#59 - 2011-02-08 11:09 - Anonymous**

+1

Tagging is a must

**#60 - 2011-02-08 15:45 - Aleksey Zapparov**

I have finished my [redmine\\_tags](#) plugin, which gives tagging functionality. It's features:

- Issues can have tags
- Tags are entered into the input text box separated by comas (if no JS support), else it have more or less nice input for the tags
- Sidebar int the issues list can show tags of the project as cloud of tags, or list, or it can be disabled.
- You can switch on or off displaying of related (with tag) issues
- All tags are rendered as links to the issues filter page with predefined filter with chosen tag

**#61 - 2011-02-18 20:01 - Charlie Viaene**

+1

**#62 - 2011-03-17 12:29 - Dominic Clifton**

I installed redmine\_tags and found that the filtering didn't work.

1. clicking on a tag in the sidebar's tag cloud did not filter the list of issues by tag - all issues were still displayed and the order did not change either.
2. there was no 'tags' filter available in the filter drop-down control.
3. there is no support for tagging wiki pages.
4. unsure of support for searching for tags using the search bar.

I then tried the redmine\_tagging plugin and that appears to work correctly. (that is, my users are not confused by it).

The above was on performed on redmine 1.1.2.

**#63 - 2011-03-17 12:36 - Aleksey Zapparov**

Dominic,

Which version of redmine\_tags you were using? Because the problem you are claiming about was solved long time ago :)) Current version have all the features I wanted. The only thing it still lack of is wiki tagging. But there's no easy way to add tags to wiki because of internal structure of wiki in redmine. I'm going to try to solve this with some hacks, but right now I simply have no time to spent it on redmine\_tags :))

Sorry, that my work confused your clients. And that's great that redmine\_tagging finally solved all your problems. :))

**#64 - 2011-11-24 22:36 - Alex Last**

I definitely advocate for **replacing** categories with tags instead of **adding** tags. There's no need to have duplicated functionality, which will just confuse users.

**#65 - 2011-11-26 22:56 - Mischa The Evil**

Alexey Skor wrote:

I definitely advocate for **replacing** categories with tags instead of **adding** tags. There's no need to have duplicated functionality, which will just confuse users.

It's not that simple. See e.g. notes [17](#), [26](#), [37](#) and [43](#). The issue categories are also used in other parts of Redmine like e.g. the versions view and the issues report. So imho it is questionable if these two are actually providing duplicate functionality. I personally like the "solution" proposed by Aleksey Zapparov in note [43](#).

**#66 - 2011-12-07 16:25 - Kate Mueller**

+1 Tagging would be incredibly useful within our Wiki.

**#67 - 2011-12-08 13:39 - Terence Mill**

The "redmine tags plugin" works fine for that requests.

**#68 - 2011-12-19 10:19 - hiroyuki SHIRAKAWA**

Terence Mill wrote:

The "redmine tags plugin" works fine for that requests.

I cannot find "redmine tags plugin".

Do you mean "Tagging plugin"?

[http://www.redmine.org/projects/redmine/wiki/Plugin\\_List#Tagging-plugin](http://www.redmine.org/projects/redmine/wiki/Plugin_List#Tagging-plugin)

**#69 - 2011-12-19 11:48 - Aleksey Zapparov**

That list of plugins is little bit outdated. The new one is <http://www.redmine.org/plugins>

I believe Terence Mill was talking about: [https://github.com/ixti/redmine\\_tags](https://github.com/ixti/redmine_tags) (on the plugins list it has little bit old version).

**#70 - 2011-12-25 12:14 - Terence Mill**

Yes, exactly this plugin i meant.

**#71 - 2012-01-03 18:05 - Michael Hagmann**

+1 Tagging would be incredibly useful

**#72 - 2012-02-16 00:40 - Xed Mada**

+1 I see native tagging as one of the only killer features left in Redmine. The power of folksonomy is quite staggering in systems like these.

**#73 - 2012-02-22 15:29 - Aleksey Timohin**

+1

**#74 - 2012-02-22 21:03 - Terence Mill**

+1

**#75 - 2012-02-23 01:30 - Jeff Pierson**

+1

**#76 - 2012-02-29 07:49 - Jani Mähönen**

+1

Global tags help linking stuff together.

**#77 - 2012-04-20 01:32 - Gleb Mazovetskiy**

+1

Agreed. Currently I can't do categorize an issue as both SEO and performance, which is a bummer.

**#78 - 2012-05-13 11:06 - Assaf Lavie**

+2 ! :)

Really helps when searching doesn't really work (e.g. when people use different terms to describe the same problem).

**#79 - 2012-05-13 11:22 - Anthony Meugui**

+1 for me too

**#80 - 2012-05-17 06:07 - Levi Corcoran**

Another +1 .. I'll be testing out plugins for now, as a single category for issues is not sufficient for our needs - but unfortunately none of the tagging plugins seem particularly 'maintained', and this seems like a very valuable addition to the core. Is there any sort of plan or target version for this? I saw reference to tagging support planned for 1.3 [here](#) - I'm just not sure if there's any more recent information.

**#81 - 2012-08-07 19:37 - Hugo Zambotti**

+1

**#82 - 2012-08-10 16:46 - Alex Bevilacqua**

Another +1 (a voting plugin on these issues would probably help reduce the number of +1 posts :P ... maybe [#6945](#) ...)

Tagging functionality being rolled *directly* into Redmine would be beneficial for more two (2) reasons:

- 1) It's extremely useful and would make the core application a lot more flexible
- 2) It would allow plugin developers a unified way of offering this functionality in their extensions

The second point I think may be more important, because as it stands there are a number of plugins that "reinvent the wheel" in order to offer tagging support. This results in collisions, migration failures and other errors if two or more plugins that require tagging functionality are installed.

If this would be seriously considered, I'd also propose making tagging a function that can be extended to documents, wiki pages, news items ... etc. I'm sure there would need to be some considerations regarding permissions for visibility and filtration so I don't assume this is an easy solution ;)

**#83 - 2012-08-24 05:38 - Francesco Fiorentino**

+1

**#84 - 2012-08-24 08:15 - Kelvin Chen**

+1

**#85 - 2012-09-20 20:10 - David Prothero**

+1

**#86 - 2012-12-01 00:34 - yac yac**

+1

**#87 - 2012-12-02 10:29 - Terence Mill**

+1

However there is a plugin which works on redmine 2.1

[https://github.com/ixti/redmine\\_tags.git](https://github.com/ixti/redmine_tags.git)

**#88 - 2013-01-13 21:04 - Jean-Philippe Lang**

- Status changed from 7 to New

Assigned issue with no assignee back to New status.

**#89 - 2013-02-08 11:52 - Stefan Kral**

+1

this could also be a reasonable solution for [#9306](#) and [#1767](#)

**#90 - 2013-04-15 21:20 - Matt Urch**

+1

**#91 - 2013-05-04 16:05 - Mariusz Dalewski**

+1

**#92 - 2013-06-11 13:34 - Michael Jurisch**

+1



**#93 - 2013-09-12 06:16 - Maxime Vez**

+1

this would be very usefull, and much mor flexible than categories or hierarchy. please, add it to the roadmap !

**#94 - 2013-09-12 12:00 - Egidijus Zideckas**

+1 from me too.

**#95 - 2013-10-02 14:22 - Miodrag Milic**

+1

**#96 - 2013-10-14 09:24 - Anonymous**

+1

**#97 - 2013-10-30 11:50 - Anonymous**

+1

**#98 - 2014-03-28 16:06 - Maciej Maczynski**

+1

Used tags (or Custom Fields) with Bugzilla for years. And, honestly - this is one and only feature I had in Bugzilla and miss in Redmine.

**#99 - 2014-04-11 20:52 - mark kalender**

We use [https://github.com/ixti/redmine\\_tags/](https://github.com/ixti/redmine_tags/) and have been very happy with the feature minus a few hiccups.

**#100 - 2014-06-22 19:34 - Deoren Moor**

+1

**#101 - 2014-06-27 13:09 - Maxime Vez**

Yes, +1 to add this to the roadmap. It would be very useful, and much more flexible than categories.

**#102 - 2014-07-01 13:46 - Navtej Bisla**

+1 - is it possible to collate all the tags that have been added

**#103 - 2015-01-07 18:14 - Oleh Lozynskyy**

+1 or +2 :-)

this one looks also awesome:

contacts.png

**#104 - 2015-04-21 11:44 - Maxim Tolgobolsky**

+1

**#105 - 2015-06-29 13:42 - txemi M**

+1

I would love to use such a feature. I mean, many-to-many relation like tags, not a many-to-one relation like categories and versions in redmine. Often I have issues that need to be in more than one group and once you selected category or version you cannot include issue in other group. I would like something more flexible that I can use later for filtering and querying.

I have found these two plugins for this:

[https://github.com/ixti/redmine\\_tags/](https://github.com/ixti/redmine_tags/)

and

[https://github.com/Undev/redmine\\_tagging](https://github.com/Undev/redmine_tagging)

Not sure witch one is best, but I do not dare to use them as I use redmine ubuntu package for development team and plugin installation in redmine requires rake commands. It does not seem easy and unrisky. I am afraid I may break something in my redmine installation and I have already had integrity db problems with redmine in past. I would love plugin installation was in redmine as easy as other products (jenkins...)

I would love to use this feature.

**#106 - 2016-04-20 11:23 - Marius BĂLTEANU**

[https://github.com/ixti/redmine\\_tags](https://github.com/ixti/redmine_tags) works with latest Redmine versions.

If the Redmine contributors are interested to add the tags functionality to issues and wiki pages, we can provide a patch that integrates the redmine\_tags plugin into Redmine core (I'm one of the plugin maintainers).

**#107 - 2016-04-28 11:20 - Yar n**

Marius BALTEANU, [https://github.com/Undev/redmine\\_tagging](https://github.com/Undev/redmine_tagging) also works with latest redmine.

and yes,  
i would be great to support tags "out of the box".

**#108 - 2016-05-13 14:34 - Alessandro Zucchi**

+1

**#109 - 2016-08-08 04:39 - Dong Wang**

+1

**#110 - 2016-08-23 01:31 - Tom Morris**

+1 - it'd be great to have tags available in the default install without having to install plugins

**#111 - 2017-01-06 09:26 - Florian Riedel**

+1

**#112 - 2017-03-13 15:47 - Fabrício Noda**

+1

**#113 - 2017-08-20 19:30 - Yuuki NARA**

+1  
I would like to use multiple tags, including subprojects.  
I want to set the color of each tag.

**#114 - 2018-03-28 08:42 - John Wang**

+1

Out-of-box tags will be a killing feature!

**#115 - 2018-08-26 22:52 - Marius BĂLTEANU**

- File 0001-Add-tags-to-issues.patch added  
- File 0002-Add-selectize.js-library-to-handle-the-tags-in-UI.patch added  
- Assignee set to Marius BĂLTEANU

I've started work on adding the tag functionality to Redmine based on the plugin [https://github.com/ixti/redmine\\_tags](https://github.com/ixti/redmine_tags) (to which I've contributed in the last 2 years).

My plan is to add in a first phase a simple tagging feature to issues and after the functionality is approved/added to the core, to extend it to other entities (e.g. wiki, projects), propose all other features (e.g.: bulk edit tags, colored tags) offered by the mentioned plugin and more.

This first phase consists of two patches:

1. Add tags to issues (the core functionality)

- add/remove tags
- show tags on issue page
- filter issues after tags
- tags as column in issues list
- export tags (pdf, csv)

This patch is ready and can be tested using the attached patch. I'm wondering if we should have a permission to manage tags (from my point of view, the edit issue permission is enough) or if something else is missing and it should be in this first phase.

2. Add a JS library to handle the tags in the UI (including autocomplete)

In the attached patch I propose [Selectize.js](#) because I know that Jean-Philippe Lang prefers to not add Select2 to the core and tag-it.js library (used by the plugin) is no longer maintained. The patch is not ready, but I would like to confirm first that I can use this library (other proposals are welcome) and if it should be configurable from which projects should the autocomplete propose the tags (From all projects, From project tree, From project

hierarchy, From subprojects).

This feature is one of the most awaited features, it is ranked as no 1 in the [Redmine.org tickets vote count list\(2019/12/22\)](#), it has more than 120 watchers (80 from this issue and 45 from [#2897](#)), multiple comments and related issues. Also, plugins can benefit if the tagging feature it'll be part of the core. I would love to work on this and deliver it in the next version after Redmine [4.0.0](#) (which is almost ready).

#### #116 - 2018-08-27 11:00 - Marius BĂLTEANU

- File deleted (0002-Add-selectize.js-library-to-handle-the-tags-in-UI.patch)

#### #117 - 2018-08-27 11:00 - Marius BĂLTEANU

- File 0002-Add-selectize.js-library-to-handle-the-tags-in-UI.patch added

#### #118 - 2018-08-28 03:14 - Akipii Oga

This patch is a feature the user has been longing for.  
Thank you, Marius BALTEANU!

#### #119 - 2018-08-29 09:32 - Bernhard Rohloff

- File tags-edit.png added

- File tags-filter.png added

- File tags-show.png added

I've successfully applied the patch.

#### Editing

tags-edit.png

#### Filtering

tags-filter.png

#### As issue attribute

tags-show.png

#### #120 - 2018-09-04 16:28 - Yuuki NARA

I agree with adding tagging functionality to the Redmine core.

However, I am worried whether it will conflict with knowledgebase-plugin which uses the same tag function.

Using redmine\_tags-Plugin and Knowledgebase-Plugin at the same time fails with DB migration.  
I would like to use the tag function of Redmine-core and Knowledgebase-Plugin at the same time.

[https://github.com/alexbevi/redmine\\_knowledgebase/issues/320](https://github.com/alexbevi/redmine_knowledgebase/issues/320)

```
= 20130513154700 AddTagsAndTaggings: migrating =====
rake aborted!
StandardError: An error has occurred, all later migrations canceled:
```

```
A plugin is already using the "tags" or "taggings" tables, and
the structure of the table does not match the structure expected
by redmine_knowledgebase.
```

#### #121 - 2018-09-05 02:23 - Go MAEDA

Yuuki NARA wrote:

Using redmine\_tags-Plugin and Knowledgebase-Plugin at the same time fails with DB migration.  
I would like to use the tag function of Redmine-core and Knowledgebase-Plugin at the same time.

[https://github.com/alexbevi/redmine\\_knowledgebase/issues/320](https://github.com/alexbevi/redmine_knowledgebase/issues/320)

I think such conflicts should be addressed by plugins. There are numerous plugins in the world. It is impossible for us to take them into account.

#### #122 - 2018-09-05 09:18 - Marius BĂLTEANU

Go MAEDA wrote:

Yuuki NARA wrote:

Using redmine\_tags-Plugin and Knowledgebase-Plugin at the same time fails with DB migration.

I would like to use the tag function of Redmine-core and Knowledgebase-Plugin at the same time.

[https://github.com/alexbevi/redmine\\_knowledgebase/issues/320](https://github.com/alexbevi/redmine_knowledgebase/issues/320)

I think such conflicts should be addressed by plugins. There are numerous plugins in the world. It is impossible for us to take them into account.

I agree. What we can do as extra step is to ensure that the migrations work if you had the redmine\_tags plugin installed. I'll check this scenario this weekend.

**#123 - 2018-09-05 16:53 - Yuuki NARA**

Go MAEDA,Marius BALTEANU ,thanks for your comments.

I agree with the following two points.

It is necessary for plugin to fix plugin due to Redmine version upgrade.  
It is beneficial to Redmine users to integrate redmine\_tags in the Redmine core.

However, many people use Redmine\_knowledgebase plugin.

Redmine\_knowledgebase has twice as many users as redmine\_tags users. (Watchers, stars)  
It is not a small number,and it has been used for a long period of 8 years.

[https://github.com/alexbevi/redmine\\_knowledgebase](https://github.com/alexbevi/redmine_knowledgebase) 69 watchers,365 stars,163 forks,since 2010  
[https://github.com/ixti/redmine\\_tags](https://github.com/ixti/redmine_tags) 27 watchers,158 stars,107 forks,since 2010

I hope that Redmine-core developers, Redmine-plugin developers and Redmine-users will be able to cooperate and efficiently perform the necessary work.

**#124 - 2018-09-05 17:27 - Alex Bevilacqua**

Yuuki NARA wrote:

Go MAEDA,Marius BALTEANU ,thanks for your comments.

I agree with the following two points.

It is necessary for plugin to fix plugin due to Redmine version upgrade.  
It is beneficial to Redmine users to integrate redmine\_tags in the Redmine core.

However, many people use Redmine\_knowledgebase plugin.

Redmine\_knowledgebase has twice as many users as redmine\_tags users. (Watchers, stars)  
It is not a small number,and it has been used for a long period of 8 years.

[https://github.com/alexbevi/redmine\\_knowledgebase](https://github.com/alexbevi/redmine_knowledgebase) 69 watchers,365 stars,163 forks,since 2010  
[https://github.com/ixti/redmine\\_tags](https://github.com/ixti/redmine_tags) 27 watchers,158 stars,107 forks,since 2010

I hope that Redmine-core developers, Redmine-plugin developers and Redmine-users will be able to cooperate and efficiently perform the necessary work.

As the original author of the knowledgebase plugin I'm wholeheartedly in support of this (as per the comment at [#1448#note-82](#) :P).

The lack of internal tagging has been a bane on not just my plugin, but many other plugins (including I believe the Redmine CRM plugin, which doesn't have public usage details). I have not been active in the Redmine community for a number of years, but would be happy to help with developing a migration plan for the built in tagging functionality.

I agree the responsibility should ultimately fall on the plugin authors, but a singular migration strategy for anyone that's based their features on acts-as-tagable-on may help get existing plugins updated faster.

**#125 - 2018-09-09 15:52 - Marius BĂLTEANU**

- File 0003-merge-migrations.patch added

Indeed, the migrations from my first patch (which are the default ones generated by acts-as-tagable-on gem) do not work if you have the redmine\_tags plugin already installed.

I'm attaching a new patch that merges the migrations in less files and adds also checks on create\_table/add\_index actions in order to fix the migrations.

I made the following tests and everything looks good:

1. Current trunk with redmine\_tags installed + all three patches: rake db:migrate ran successfully.

## 2. Compared the tables generated by

current trunk + first two patches: [View tablesView tables](#)

```
mysql> show create table tags\G;
***** 1. row *****
      Table: tags
Create Table: CREATE TABLE `tags` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `name` varchar(255) CHARACTER SET utf8 COLLATE utf8_bin DEFAULT NULL,
  `taggings_count` int(11) DEFAULT '0',
  PRIMARY KEY (`id`),
  UNIQUE KEY `index_tags_on_name` (`name`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8
1 row in set (0.00 sec)

mysql> show create table taggings\G;
***** 1. row *****
      Table: taggings
Create Table: CREATE TABLE `taggings` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `tag_id` int(11) DEFAULT NULL,
  `taggable_type` varchar(255) DEFAULT NULL,
  `taggable_id` int(11) DEFAULT NULL,
  `tagger_type` varchar(255) DEFAULT NULL,
  `tagger_id` int(11) DEFAULT NULL,
  `context` varchar(128) DEFAULT NULL,
  `created_at` datetime DEFAULT NULL,
  PRIMARY KEY (`id`),
  UNIQUE KEY `taggings_idx` (`tag_id`,`taggable_id`,`taggable_type`,`context`,`tagger_id`,`tagger_type`),
  KEY `index_taggings_on_taggable_id_and_taggable_type_and_context` (`taggable_id`,`taggable_type`,`context`),
  KEY `index_taggings_on_tag_id` (`tag_id`),
  KEY `index_taggings_on_taggable_id` (`taggable_id`),
  KEY `index_taggings_on_taggable_type` (`taggable_type`),
  KEY `index_taggings_on_tagger_id` (`tagger_id`),
  KEY `index_taggings_on_context` (`context`),
  KEY `index_taggings_on_tagger_id_and_tagger_type` (`tagger_id`,`tagger_type`),
  KEY `taggings_idy` (`taggable_id`,`taggable_type`,`tagger_id`,`context`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8
```

current trunk + all three patches: [View tablesView tables](#)

```
mysql> show create table tags\G;
***** 1. row *****
      Table: tags
Create Table: CREATE TABLE `tags` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `name` varchar(255) CHARACTER SET utf8 COLLATE utf8_bin DEFAULT NULL,
  `taggings_count` int(11) DEFAULT '0',
  PRIMARY KEY (`id`),
  UNIQUE KEY `index_tags_on_name` (`name`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8

mysql> show create table taggings\G;
***** 1. row *****
      Table: taggings
Create Table: CREATE TABLE `taggings` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `tag_id` int(11) DEFAULT NULL,
  `taggable_type` varchar(255) DEFAULT NULL,
  `taggable_id` int(11) DEFAULT NULL,
  `tagger_type` varchar(255) DEFAULT NULL,
  `tagger_id` int(11) DEFAULT NULL,
  `context` varchar(128) DEFAULT NULL,
  `created_at` datetime DEFAULT NULL,
  PRIMARY KEY (`id`),
  UNIQUE KEY `taggings_idx` (`tag_id`,`taggable_id`,`taggable_type`,`context`,`tagger_id`,`tagger_type`),
  KEY `index_taggings_on_taggable_id_and_taggable_type_and_context` (`taggable_id`,`taggable_type`,`context`),
  KEY `index_taggings_on_tag_id` (`tag_id`),
  KEY `index_taggings_on_taggable_id` (`taggable_id`),
  KEY `index_taggings_on_taggable_type` (`taggable_type`),
  KEY `index_taggings_on_tagger_id` (`tagger_id`),
  KEY `index_taggings_on_context` (`context`),
  KEY `index_taggings_on_tagger_id_and_tagger_type` (`tagger_id`,`tagger_type`),
```

```
KEY `taggings_idy` (`taggable_id`,`taggable_type`,`tagger_id`,`context`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8
```

and are the same.

Also, I've set the migrations version to 4.2 in order to preserve the type of id column to int instead of big int (default behaviour in Rails 5). Maybe we will handle this change to all Redmine tables in another ticket.

[Alexander Sieb](#) Bevilacqua, should I open a ticket on GitHub to test the compatibility between these patches and your plugin? Also, if you have a better idea about how we should handle these migrations, please let me know.

#### #126 - 2018-09-09 16:09 - Alex Bevilacqua

Marius BALTEANU wrote:

[Alexander Sieb](#) Bevilacqua, should I open a ticket on GitHub to test the compatibility between these patches and your plugin? Also, if you have a better idea about how we should handle these migrations, please let me know.

I've linked your comment to an existing issue ([https://github.com/alexbevi/redmine\\_knowledgebase/issues/320](https://github.com/alexbevi/redmine_knowledgebase/issues/320)). I'll see if I can slot in some time to get this tested. Even though I'm no longer an active maintainer, I'd like to see this resolved as it really has been a pain in my ass for the better part of a decade :P

#### #127 - 2018-09-09 16:14 - Marius BĂLTEANU

Alex Bevilacqua wrote:

I've linked your comment to an existing issue ([https://github.com/alexbevi/redmine\\_knowledgebase/issues/320](https://github.com/alexbevi/redmine_knowledgebase/issues/320)). I'll see if I can slot in some time to get this tested. Even though I'm no longer an active maintainer, I'd like to see this resolved as it really has been a pain in my ass for the better part of a decade :P

Thanks, I've subscribed to the issue. Hopefully we'll see this integrated soon.

#### #128 - 2018-09-25 15:13 - Marius BĂLTEANU

- *Related to Feature #29663: Select a JavaScript library to handle tags added*

#### #129 - 2019-01-29 15:23 - Dan Untenzu

I've linked your comment to an existing issue ([https://github.com/alexbevi/redmine\\_knowledgebase/issues/320](https://github.com/alexbevi/redmine_knowledgebase/issues/320)).

Both tickets seems to wait for each other now. Any news about this nice feature?

#### #130 - 2019-05-06 06:04 - Taine Woo

Dan Untenzu wrote:

I've linked your comment to an existing issue ([https://github.com/alexbevi/redmine\\_knowledgebase/issues/320](https://github.com/alexbevi/redmine_knowledgebase/issues/320)).

Both tickets seems to wait for each other now. Any news about this nice feature?

Yes... i'm waiting for this great feature to become a core feature of Redmine.

#### #131 - 2019-09-13 00:16 - Marius BĂLTEANU

- *File 0001-Adds-tags-to-issues.patch added*

Updated the patch to apply cleanly on the current trunk.

#### #132 - 2019-09-13 00:17 - Marius BĂLTEANU

- *Target version set to Candidate for next major release*

I would like to discuss this for the next major release, it is one of the most requested feature.

#### #133 - 2019-10-25 16:29 - Rafael B.

It would be great to have tags as a core feature of Redmine.

**#134 - 2019-10-27 07:20 - Mikhail Oleynik**

Can't wait for this feature in core!

There is a free version of commercial plugin: <https://www.redmineup.com/pages/plugins/tags>  
But it is so far from being good... For example there is no way to setup per-project tags. There is now way to enable tags usage for just some project. Sometimes it breaks "edit issue" form. And so on.

**#135 - 2020-03-28 13:58 - Nikaola Piterskii**

Any chance of adding this functionality?

**#136 - 2020-04-08 20:32 - Phil Brooke**

Is there a patch set which applies against 4.1.1? A simplistic attempt had some hunks fail to apply.  
Thanks.

**#137 - 2021-01-22 17:23 - txemi M**

In case it is useful for anyone; after waiting a lot of years for this in mainstream: **I achieved this with Custom field key/value list** in a way is quite satisfactory for me.

- It can be defined globally and used in more than once project (categories for instance are defined locally to project)
- Being **key/value list** "labels/tags" can be renamed after creation; other custom fields require a lot of work on issues for renaming. You can use any text knowing that you can change it easely.
- Each issue can have more than one "label/tag" as expected. This is, M:N or many-to-many relations, I think the biggest problem that solves tags/labels, and in redmine no other field has this with the exception of issue-to-issue relations, that is not what we want in many use cases, so this is why tags/labels are missed so much in redmine.
- It is in mainstream branch so available on any recent redmine installation.
- You can repeat this several times, having more than one group of labels.
- You can filter issues easily by active tag.

What you can't do anyway:

- Use this labels for sorting. (minor issue, it would be nice and it is easy to implement, now yo can use an extra numeric custom field for this).
- Labels must be defined by administrator by it is not a problem for my use cases.

**#138 - 2021-02-26 03:56 - Sam XIAO**

+1

**#139 - 2021-08-31 18:01 - Ben Blanco**

FWIW -- the following plugin is a nice solution while we wait for native tags.

[https://github.com/AlphaNodes/additional\\_tags](https://github.com/AlphaNodes/additional_tags)

**#140 - 2022-11-03 16:17 - Adrien Crivelli**

[Marius Ionescu](#), you've worked hard on this in the past. Do you have any news on this ? or did the whole thing staled ?

**#141 - 2023-05-08 14:19 - Jaap de Haan**

Ben Blanco wrote in [#note-139](#):

FWIW -- the following plugin is a nice solution while we wait for native tags.

[https://github.com/AlphaNodes/additional\\_tags](https://github.com/AlphaNodes/additional_tags)

This is right up to the fact that it requires another plugin <https://github.com/AlphaNodes/additionals> which integrates so many things that I feel uncomfortable with the security and end up with many incompatibilities with other plugins...

**#142 - 2023-11-25 08:45 - pasquale [:dedalus]**

[Marius BĂLTEANU](#) wrote in [#note-132](#):

I would like to discuss this for the next major release, it is one of the most requested feature.

[Marius BĂLTEANU](#) [Go MAEDA](#)

I agree that this is one of the most requested feature. Is it possible in your opinion to foresee a release in version 6.0 or better in 5.1.x?

#143 - 2024-03-22 04:15 - tomy shen

Jaap de Haan wrote in [#note-141](#):

Ben Blanco wrote in [#note-139](#):

FWIW -- the following plugin is a nice solution while we wait for native tags.

[https://github.com/AlphaNodes/additional\\_tags](https://github.com/AlphaNodes/additional_tags)

This is right up to the fact that it requires another plugin <https://github.com/AlphaNodes/additionals> which integrates so many things that I feel uncomfortable with the security and end up with many incompatibilities with other plugins...

As you mentioned, some plug-ins of alphanodes and redmineup are incompatible, which is very troublesome. The plug-ins are used as a means of more choices, rather than forcing users to choose sides.

So I'd love to know if the development team is willing to put tags into the core...

#144 - 2024-04-04 12:26 - Alexander Abramov

Meanwhile *redmine\_tags* plugin has been updated by me to be compatible with Redmine 5.x along with Redmine 4.x  
You can look at my repo [https://github.com/yzzy/redmine\\_tags](https://github.com/yzzy/redmine_tags)  
I've finally switched my own Redmine installation from 4.2 to 5.1 branch, so here it is.

#145 - 2024-04-04 13:25 - Vincent Robert

Alexander Abramov wrote in [#note-144](#):

Meanwhile *redmine\_tags* plugin has been updated by me to be compatible with Redmine 5.x along with Redmine 4.x

Great job Alexander! Thank you for this plugin, and this update.

#146 - 2024-06-19 09:09 - Kouhei Sutou

We're developing fast full text search plugin for Redmine: [https://github.com/clear-code/redmine\\_full\\_text\\_search/](https://github.com/clear-code/redmine_full_text_search/)

If Redmine provides the standard tag system, we can support it. How can we proceed this? What is the current blocker?

Files			
2010-11-28-195503_1280x787_scrot.png	106 KB	2010-11-28	Aleksey Zapparov
2010-11-28-195712_1280x787_scrot.png	112 KB	2010-11-28	Aleksey Zapparov
2010-11-28-195534_1280x787_scrot.png	111 KB	2010-11-28	Aleksey Zapparov
2010-11-28-200949_1280x787_scrot.png	106 KB	2010-11-28	Aleksey Zapparov
2010-11-28-201000_1280x787_scrot.png	82.1 KB	2010-11-28	Aleksey Zapparov
0001-Add-tags-to-issues.patch	37.4 KB	2018-08-26	Marius BĂLTEANU
0002-Add-selectize.js-library-to-handle-the-tags-in-UI.patch	61.1 KB	2018-08-27	Marius BĂLTEANU
tags-edit.png	7.88 KB	2018-08-29	Bernhard Rohloff
tags-filter.png	6.35 KB	2018-08-29	Bernhard Rohloff
tags-show.png	7.84 KB	2018-08-29	Bernhard Rohloff
0003-merge-migrations.patch	9.81 KB	2018-09-09	Marius BĂLTEANU
0001-Adds-tags-to-issues.patch	28.6 KB	2019-09-12	Marius BĂLTEANU