Redmine - Feature #1712

add custom fields that are calculations of other fields

2008-07-30 04:48 - Burt Culver

Status:	New	**Start date:**	2008-07-30
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:	Custom fields	**Estimated time:**	0.00 hour
Target version:			
Resolution:			

Description

My company wants to score issues on a issue level rather than a project level. In order to do so we'd like a custom field that can be a calculation based on other issue fields. For example, we could have a custom field called score that would be a sum of priority * custom field priority_weight + time_estimate * custom field time_est_weight + custom field risk * custom field risk_weight + custom filed income_potential * custom field income_potential_weight, where weight would be some number between -10 and 10.

Adding custom fields that allowed calculation would give us the flexibility to do this. The field could be something like a formula field in a google doc spreadsheet. ie: my_custom_field = if(est_time > 3, 10, 5)*est_time_weight

That might be a lot to do, but it would be the ultimate in flexibility. All we need is simple addition/subtraction and multiplication. Although multiplying times "severity" field might be hard if it isn't an integer already.

Is it possible to sponsor work? If so, how much does it cost? (I ask without yet having the boss's approval mind you).

Related issues:

Related to Redmine - Feature #8177: Custom Field with mathematical calculation	**New**	**2011-04-18**
Related to Redmine - Feature #36992: redmine computed custom field	**Closed**	
Has duplicate Redmine - Feature #8599: Calculated Custom Field?	**Closed**	**2011-06-13**
Has duplicate Redmine - Feature #17535: Custom fields maths	**Closed**	
Has duplicate Redmine - Feature #17582: advanced awesome calculated computed ...	**Closed**	
Has duplicate Redmine - Feature #13334: Custom Fields mod. before commit to db	**Closed**	

History

#1 - 2009-10-26 23:28 - chris madler

+1
Support the motion. In my company something very similar is needed: a field priority, which is calculated from the issue's "business_value" and "development_effort" ie priority is highest when business value is greatest and development_effort is lowest, and vice-versa.

Chris

#2 - 2010-04-20 18:41 - Benedikt Naessens

+1

We would find this possibility also very useful.

#3 - 2010-10-26 21:40 - Diego Felipe

+1
I also would like a custom aggregate field to be exposed in custom aggregated queries.

#4 - 2011-02-22 13:16 - Matthias Neubert

+1
We would need it to. I just wanted to create a new Issue for this, but I found this one here.
Could a developer of redmine please post some opinions or informations about this?
If we would know more about it and redmine internals we even would be able to contribute to redmine project.

#5 - 2011-10-17 20:39 - Anonymous

+1

#6 - 2011-10-17 22:12 - Terence Mill

+1

#7 - 2011-12-27 03:03 - Adam Sneller

+1

#8 - 2012-01-16 13:44 - Matthias Neubert

+1 this issue is over 3 years old but it is interesting. Is it meant to be scheduled?

#9 - 2012-07-09 08:35 - Terence Mill

+1

#10 - 2012-07-18 16:36 - Janos Biro

+1

#11 - 2012-07-20 16:34 - Cristina Aurrecoechea

+1

#12 - 2012-07-20 16:40 - Sylvain Langlade

+1

#13 - 2012-08-08 16:28 - Artur M

+1

#14 - 2012-10-02 11:37 - Eric Diaz

+1

#15 - 2013-01-29 08:31 - Martin G

+1

#16 - 2013-03-28 15:16 - Adriano Ceccarelli

+1

#17 - 2013-11-19 05:04 - Maxime Vez

+1 http://www.easyredmine.com/online-store/easy-redmine-plugins/computed-custom-fields

#18 - 2013-11-23 20:37 - Adnan Topçu

+1
Our guys wants to see issue age in the issue list.

#19 - 2014-01-20 15:14 - Anonymous

+1

#20 - 2014-01-20 20:39 - Kevin Tinholt

+1

#21 - 2014-01-28 21:19 - Brruno Olímpio

+1

Some news?

#22 - 2014-03-14 14:48 - Александр Александрук

+1

#23 - 2015-03-23 22:42 - Laurent Dairaine

+1

#24 - 2015-04-16 23:38 - Marcelo Demestri

+1

#25 - 2015-04-23 20:34 - Tristan P

+ 999999999 :-)

#26 - 2015-05-19 13:33 - Jan Niggemann (redmine.org team member)

- Has duplicate Feature #8599: Calculated Custom Field? added

#27 - 2015-05-27 07:50 - Sebastian Paluch

+1

#28 - 2015-07-15 07:13 - Adnan Topçu

+1

#29 - 2015-08-01 00:45 - Toshi MARUYAMA

- Has duplicate Feature #17535: Custom fields maths added

#30 - 2015-08-01 00:48 - Toshi MARUYAMA

- Has duplicate Feature #17582: advanced awesome calculated computed custom fields added

#31 - 2015-08-01 00:48 - Toshi MARUYAMA

- Related to Feature #8177: Custom Field with mathematical calculation added

#32 - 2015-09-01 23:03 - Brruno Olímpio

+1

#33 - 2015-09-20 22:32 - Yakov Annikov

I made a plugin with similar functionality. You can try it https://www.redmine.org/plugins/computed_custom_field

#34 - 2015-09-21 13:19 - Ingo Gellrich

This sounds great.
Would there be the possibility to include standard fields (like estimated work, remaining work) from Redmine objects (trackers, users, projects) in the calculation? Or do you support custom fields only for now?

Regards
Ingo

Yakov Annikov wrote:

> I made a plugin with similar functionality. You can try it https://www.redmine.org/plugins/computed_custom_field

#35 - 2015-09-25 14:59 - Sebastian Paluch

Yakov Annikov wrote:

> I made a plugin with similar functionality. You can try it https://www.redmine.org/plugins/computed_custom_field

I have tested it and I like it. It is simple and does work very well. The only nuisance is that computed custom field is editable when adding or editing issues. I thing the views\issues_form_custom_field.html.rb should be adjusted to not render computed custom fields. As a workaround, the computed field can be set as read only using workflow permissions.

I would vote for adding this to Redmine core! This is very small change but it gives huge possibilities.

Can you convert it into patch and add tests? It would be easier to convince JPL to include it :)

#36 - 2015-11-18 19:35 - Yakov Annikov

Ingo Gellrich wrote:

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the calculation? Or do you support custom fields only for now?

Regards
Ingo

Yakov Annikov wrote:

> I made a plugin with similar functionality. You can try it https://www.redmine.org/plugins/computed_custom_field

It is possiblle to use standart methods and fields of objects, for example a formula of Issue CF:

```
(self.estimated_hours || 0) * 2
```

#37 - 2015-11-18 19:44 - Yakov Annikov

Sebastian Paluch wrote:

> Yakov Annikov wrote:
>
> > I made a plugin with similar functionality. You can try it https://www.redmine.org/plugins/computed_custom_field
>
> I have tested it and I like it. It is simple and does work very well. The only nuisance is that computed custom field is editable when adding or editing issues. I thing the views\issues_form_custom_field.html.rb should be adjusted to not render computed custom fields. As a workaround, the computed field can be set as read only using workflow permissions.
>
> I would vote for adding this to Redmine core! This is very small change but it gives huge possibilities.
>
> Can you convert it into patch and add tests? It would be easier to convince JPL to include it :)

Thank you for your note. The plugin is still in development. Maybe patch and test would be later.

#38 - 2019-05-03 23:29 - ashraf alzyoud

- File Untitled.png added

thx alot yakov aanikov

can u see the pic attachment
i need use this in 3 way
#1 project , #2 sub project , # 3 issue (a) , 4# issue (b)

- in issue #3 we have traker GOAL and we create 3 task tracker TASK
- in issue #4 we have traker result
  1- collect custom field from subtask to task leverl
  2- collect custom field from task to tracker level
  3 collect custom field from all issiue to issiue

#39 - 2019-07-10 12:02 - Florian ROBERT

+1

#40 - 2020-01-28 17:42 - Matteo Turra

+1

#41 - 2020-03-07 04:37 - Jihyeon Gim

+1

#42 - 2020-10-14 18:19 - Andrzej Karwowski

yakov aanikov: https://www.redmine.org/plugins/computed_custom_field - This project is no longer maintained - compatible with Redmine 4.0.x, and what about Redmine 4.1?

This feature is very needed.

#43 - 2021-01-07 11:07 - Bertrand Michas

+1

#44 - 2021-02-09 11:51 - Alexey Tveritinov

+1

#45 - 2021-06-09 10:17 - Alexandr Chernyaev

+1

#46 - 2021-09-08 20:37 - Marcelo Rocha Acácio

+1   5/5

#47 - 2022-04-18 14:32 - Alexandr Chernyaev

+1

#48 - 2022-04-26 15:06 - Holger Just

- Related to Feature #36992: redmine computed custom field added

#49 - 2023-08-16 22:31 - Kamil AFACAN

Still needed
+1

#50 - 2023-09-27 12:57 - Jenny Malig

Highly required
+1

#51 - 2024-03-14 16:15 - Holger Just

- Has duplicate Feature #13334: Custom Fields mod. before commit to db added

Files

Untitled.png	21.5 KB	2019-05-03	ashraf alzyoud