Redmine - Feature #15177

Dynamic query fields

2013-10-23 08:09 - Andrey Anufrienko

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

Description

All custom fields are set in 'static' manner - we have to enter a value.
But often we need to calculate a value basing on other fileds/attributes values.

Example 1 (issues). I have 3 custom fields for my issues: A, B, C that represents parts of expression ($Ax2 + Bx + C = 0$).
If I want to see Y1 and Y2 such as:
Y1 = (B + SQRT (B*B - 4A*C)) / 2A
Y1 = (B - SQRT (B*B - 4A*C)) / 2A
I have to export all issues to CSV, then import CSV into Excel, then add formulas to make the calculation. It would be great if I could add specific columns in my custom query that will calculate value basing on custom expression each time I refresh the window.

Example 2 (version). I have 1 custom field A for each issue. I want to see sum of all A for a particular version.
Again, I have to export all my data to an external application and make calculation there.

Related issues:

Related to Redmine - Feature #6717: Custom list field with dynamic list content	**New**	**2010-10-21**

History

#1 - 2013-10-23 13:24 - Andrey Anufrienko

Now, I use database triggers to work around this issue: my database records are updated automatically each time custom field are updated. But it has cons: if I re-install / upgrade redmine I would re-design my triggers. Also, sometimes redmine 'misses' changes - they are not shown in auto emails. And other disadvantages are.

#2 - 2013-10-23 13:28 - Andrey Anufrienko

Example 3 (versions + issues). I have 1 global coefficient for each version. I need to multiply an attribute from issue to this global coefficient. Again, I have to export into CSV, then to Excel or implement a trigger in database to show required value.

#3 - 2015-05-18 13:35 - Toshi MARUYAMA

- Related to Feature #6717: Custom list field with dynamic list content added