

## Redmine - Feature #15177

### Dynamic query fields

2013-10-23 08:09 - Andrey Anufrienko

<b>Status:</b> New	<b>Start date:</b>
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 0%
<b>Category:</b> Custom fields	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b>	
<b>Resolution:</b>	
<b>Description</b>	
<p>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 fields/attributes values.</p> <p>Example 1 (issues). I have 3 custom fields for my issues: A, B, C that represents parts of expression (<math>Ax^2 + Bx + C = 0</math>). If I want to see Y1 and Y2 such as: <math>Y1 = (B + \text{SQRT}(B*B - 4A*C)) / 2A</math> <math>Y1 = (B - \text{SQRT}(B*B - 4A*C)) / 2A</math> 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.</p> <p>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.</p>	
<b>Related issues:</b>	
Related to Redmine - Feature # 6717: Custom list field with dynamic list content	<b>New</b> <b>2010-10-21</b>

### 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