

ChiliProject - Feature # 499: Due date sort order should sort issues with no due date to the end of the list

Status:	Closed	Priority:	Normal
Author:	Maccabee Levine	Category:	Issue tracking
Created:	2011-06-30	Assignee:	Felix Schäfer
Updated:	2011-07-18	Due date:	
Remote issue URL:	http://www.redmine.org/issues/3467		
Affected version:	master		
Description:	Sorting by due date (ascending or descending) should place items with no due date next to the farthest-future items, not the almost-due items.		

Associated revisions

2011-07-08 11:09 pm - Felix Schäfer

Put issues with an empty due date in the future. #499

2011-07-08 11:20 pm - Felix Schäfer

Put empty start_dates in the future too. #499

History

2011-07-01 04:44 pm - Eric Davis

To be clear, like this?

- * 2011-07-01
- * 2011-07-02
- * 2011-07-03
- * (empty)
- * (empty)

2011-07-01 05:26 pm - Maccabee Levine

Yup. I just half-solved it locally with this one-line change in query.rb. (It's not perfect because it keeps the empty values at the end even if you sort in the opposite direction. But it was good enough for my use.)

```
#QueryColumn.new(:due_date, :sortable => "#{Issue.table_name}.due_date"),
```

```
QueryColumn.new(:due_date, :sortable => "case when #{Issue.table_name}.due_date is NULL then 1 else 0 end, #{Issue.table_name}.due_date"),
```

2011-07-08 08:28 pm - Felix Schäfer

- Target version set to 2.1.0

- Assignee set to Felix Schäfer

- (deleted custom field) set to master

The SQL looks sound to me, let me check locally, if everything is OK I'll push it.

Should this be made the default for all date columns? (i.e. a @NULL@ date is always far in the future and not far in the past?)

2011-07-08 08:59 pm - Eric Davis

Felix Schäfer wrote:

> Should this be made the default for all date columns? (i.e. a @NULL@ date is always far in the future and not far in the past?)

I don't think we can make a "default for all dates" statement from this. In this case a null due date can be interpreted as "no due date" which should be "far into the future". Other dates could be interpreted differently.

2011-07-08 09:25 pm - Felix Schäfer

- Status changed from Open to Closed

Ok, so it needed to be formatted a little differently for ChiliProject because the way you (Maccabee) posted it, ChiliProject wouldn't pass the sort direction (ASC or DESC) to the @CASE@ clause, resulting in issues with empty due dates always being at the end.

After having "discussed it":http://chat.chiliproject.org/log/irc.freenode.net/chiliproject/2011-07-08#i_2533635 shortly with Eric on IRC (excerpt below), I applied the same treatment to the @start_date@.

<pre>21:05 thegcat edavis10: null start_date, far future or far past?

21:13 edavis10 thegcat: hm... that would be "no start date" so it would be far future

21:13 thegcat edavis10: k, so same treatment

21:14 edavis10 yea, thats why I said it depends on the actual field

21:14 thegcat well, come to think of it

21:15 thegcat maybe a more common workflow is to say "empty" is immediate, only those with a date are in the future

21:15 edavis10 thegcat: for start date? I'd say "Today" would be immediate.

21:16 thegcat mmh, ok</pre>

2011-07-18 05:59 pm - Maccabee Levine

This makes sense to me.