

## Bugs & Wish list

Trackers: Need to be able sort as numerical instead of text | Tiki Wiki CMS Groupware :: Development  
Trackers: Need to be able sort as numerical instead of text

### Status

- Open

### Subject

Trackers: Need to be able sort as numerical instead of text

### Version

- 1.9.x
- 23.x

### Category

- Error
- Feature request
- Dogfood on a \*.tiki.org site
- Conflict of two features (each works well independently)
- Developer Training
- Indexing
- Easy for Newbie Dev

### Feature

Trackers  
Rating

### Resolution status

Partially solved

### Submitted by

Marc Laporte

### Lastmod by

hman

### Rating

★ ★ ☆ (3) ?

### Related-to

- ● Articles: Illogical sorting by size
- ✕ dev.t.o. bug tracker does not sort priority right
- ● Sort on Rating field broken on tracker5 at dev.t.o
- ● dev.tiki.org 13.x Priority field is not calculated on issue submission

### Description



Subject	Submitted by	Category	Version	Feature	Importance	Easy to solve?	Priority	Reso
LDAP Group Sync in Tiki-9 Broken	jcarter	Bug: Error	9.x	External Authentication (LDAP, AD, PAM, CAS, etc) Group	9	10 easy	90	New
Clicking to login responds: "Do you want to hide this remarks box forever?"	Marc Laporte	Bug: Usability	12.x (trunk)	Admin Interface (UI)	10 high	9	90	Fixed
A backup script that can be put on a cron job to save to a distant backup server	Marc Laporte	Feature request Community projects	12.x (trunk)	Administration	10 high	9	90	New
Add preview button to tracker item submissions (useful for wiki syntax)	xavidp	Feature request	1.9.x	Trackers Wiki Syntax (text area, parser, external wiki, etc) Edit interface (UI)	3	3	9	
dev.tiki.org: The footer links are squished after the upgrade from 10.x to 11.x	Marc Laporte	Dogfood on a *.tiki.org site Less than 30-minute fix Developer Training	11.x 11.x Regression	Theme: Look & feel, Styles, CSS, Theme Control Center	10 high	8	80	Confir

This priority of 9 should be all the way to the bottom

Importance

8

Easy to solve?

5

Priority

40

Demonstrate Bug (Tiki 19+)

Please demonstrate your bug on show2.tiki.org

Version: trunk ▼

Ticket ID

1446

Created

Friday 07 December, 2007 22:25:29 GMT-0000

by Unknown

LastModif

## Comments



Nelson Ko 04 Nov 13 23:45 GMT-0000

Seems to me to be a tricky/risky fix. Will treat this as low priority for now.



Nelson Ko 14 Nov 13 20:38 GMT-0000




































I'm unassigning myself from this bug as I am not confident of a fix in Tiki 12.



Marc Laporte 06 Aug 14 17:05 GMT-0000

[http://dev.tiki.org/tiki-view\\_tracker.php?sort\\_mode=f\\_138\\_desc&trackerId=5](http://dev.tiki.org/tiki-view_tracker.php?sort_mode=f_138_desc&trackerId=5)

tiki Development

12.x 12.x Regression	 Comment Screencast (jCapture)	 90	 10 high	 9	
1.9.x	 Trackers Wiki Syntax (text area, parser, external wiki, etc) Edit interface (UI)	 9	 3	 3	
10.x	 Search	 9	 3	 3	
12.x	 Forum	 9	 3	 3	
Trunk	 Search engine optimization (SEO)	 9	 3	 3	
		 81	 9	 9	
12.x	 All / Undefined	 81	 9	 9	



Marc Laporte 25 Nov 13 03:59 GMT-0000

<https://github.com/versioneye/naturalsorter>

<http://php.net/natsort>



Xavier de Pedro 15 Dec 13 10:47 GMT-0000

This report was probably related to the tracker field type "Stars (system)".

Can you retest with the new tracker field "Rating"?



luciash d' being 18 Dec 13 16:39 GMT-0000

...



drsassafras 26 Feb 20 17:13 GMT-0000

Is this still an issue? If so please update the version in the ticket.



Bernard Sfez / Tiki Specialist 04 Nov 21 15:43 GMT-0000

As per Tiki23 this bug is still an issue.

At [https://dev.tiki.org/tracker5?sort\\_mode=f\\_138\\_asc](https://dev.tiki.org/tracker5?sort_mode=f_138_asc) the priority order jump from 1 to 10 instead of 2 (3, 4, 5, ...)



Marc Laporte 27 Dec 21 05:53 GMT-0000

Progress: <https://gitlab.com/tikiwiki/tiki/-/commit/875d8a51039d48fba0cb6f3f3b3117cb76f17e87>

Manually accessible here:

[https://dev.tiki.org/tiki-view\\_tracker.php?sort\\_mode=f\\_138\\_ndesc&trackerId=5](https://dev.tiki.org/tiki-view_tracker.php?sort_mode=f_138_ndesc&trackerId=5)



hman 31 Dec 21 12:20 GMT-0000

Hm, I am no SQL expert, but to my knowledge it's not that hard to sort numerical:

<https://stackoverflow.com/questions/16519648/sql-for-ordering-by-number-1-2-3-4-etc-instead-of-1-10-11-12/16520873>

And it only happens be non-automatical if numbers are stored in non-numerical fields like type VARCHAR...



hman 01 Jan 22 20:06 GMT-0000

I asked a colleague of mine, who is SQL expert. He says it is even simpler than outlined in the Stackoverflow article. He recommends

```
ORDER BY CAST(fieldname AS UNSIGNED) ASC/DESC
```

or

```
fieldname AS NUMBER
```

Sorting by LENGTH(fieldname) and then ordering would be slower. But keep in mind, his field of expertise is Oracle, so be sure to check whether the above is valid for MySQL & MariaDB. MySQL is nowadays owned by Oracle, but still their SQL flavors differ widely. The most prominent useful feature of Oracle missing in MySQL is, to my knowledge, the lack of the union operator (not needed here) in MySQL...



Marc Laporte 31 Mar 23 03:59 GMT-0000

Trackers: correction of the way the sorting is done on the mathematical calculation fields:  
[https://gitlab.com/tikiwiki/tiki/-/merge\\_requests/1413](https://gitlab.com/tikiwiki/tiki/-/merge_requests/1413)

Add numeric order capability for non-numeric tracker fields possibly holding numeric data (math, text, etc. fields)  
<https://gitlab.com/tikiwiki/tiki/-/commit/875d8a51039d48fba0cb6f3f3b3117cb76f17e87>

#### Attachments

filename	created	hits	comment	version	filetype
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No attachments for this item

The original document is available at  
<https://dev.tiki.org/item1446-Trackers-Need-to-be-able-sort-as-numerical-instead-of-text>