Bugs & Wish list

Change in condition inside a calculation field (breaks rebuilt index operation and calculation) | Tiki Wiki
CMS Groupware :: Development
Change in condition inside a calculation field (breaks rebuilt index operation and calculation)

Status
   ⊗ Closed

Subject
   Change in condition inside a calculation field (breaks rebuilt index operation and calculation)

Version
   21.x
   21.x Regression

Category
   - Usability
   - Regression

Feature
   Trackers
   Advanced Rating Language / Mathematical calculation tracker field

Resolution status
   Partially solved

Submitted by
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Lastmod by
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Rating
   ★ ★ ★ ★ ★ (0) ❓

Related-to
   - ⊗ Error thrown dividing a result from a date using a mathematical field

Description
   Due to (I guess) change in the calculation field, the if condition or the way the index is rebuilt a previous condition to perform a calculation stopped to work and interfere with the rebuild index operation.

   calculation that doesn't work
   ⎙

   (if timeworkDateIn (round (div (sub timeworkDateOut timeworkDateIn) 3600)1))

   The "if" here was checking if there is a value in the field "timeworkDateIn" to avoid a different error (Divide by zero on "0") that was displayed to the visitor of the site. After I upgrade this Tiki20 to Tiki21 I got an error on rebuild index:

   ⎙

   [root@server html]# php console.php i:r --log [04-03-2020 09:48] Started rebuilding index... logging to file: /tmp/Search_Indexer_mysql_tsaharoniki_tiki21_console.log Unified search engine:

MySQL, version 10.1.44-MariaDB error: The search index could not be rebuilt. Variable not found "timeworkDateIn". .../... 2020-03-04T09:48:36+02:00 INFO (6): addDocument trackeritem 53 {"memoryUsage":"22.3 MiB"} (where it stopped)

I found a workaround see below, but we should have a way to keep it as is or to better verbose so the admin knows what to do.

Long story

Solution
    Was temporary or was solved

Workaround
    Use instead isEmpty to test if a field as a value.
    (if (IsEmpty timeworkDateIn) NA (round (div (sub timeworkDateOut timeworkDateIn) 3600)1))

    I can rebuild the index, but the error is back and displayed.

    Divide by zero on "0"

    Note: (if (IsEmpty timeworkDateIn) NA exist) return the expected result so the condition is working. It is unclear why I got the Divide by zero warning.

Importance
    7
Easy to solve?
    5
Priority
    35
Demonstrate Bug (Tiki 19+)
    Please demonstrate your bug on show2.tiki.org

    Version: trunk ▼
Demonstrate Bug (older Tiki versions)
    Please demonstrate your bug on show.tikiwiki.org

    Version: 18.x ▼
Ticket ID
    7304
Created
    Wednesday 04 March, 2020 07:46:52 GMT-0000
    by Bernard Sfez / Tiki Specialist
LastModif
    Sunday 04 July, 2021 11:45:13 GMT-0000

Comments

Attachments

filename	created	hits	comment	version	filetype

No attachments for this item

The original document is available at
https://dev.tiki.org/item7304-Change-in-condition-inside-a-calculation-field-breaks-rebuilt-index-operation-and-calculation