

# QGIS Application - Bug report #17320

## Can't filter a table by a date field

2017-10-23 04:47 AM - Patrick Dunford

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Vectors	
<b>Affected QGIS version:</b> 2.18.13	<b>Regression?:</b> No
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b> No	<b>Resolution:</b> no timely feedback
<b>Crashes QGIS or corrupts data:</b> No	<b>Copied to github as #:</b> 25218
<b>Description</b>	
<p>I have a shapefile whose data table has a field that contains dates and is shown in the layer properties as being QDateTime type.</p> <p>If I try to filter the table by entering a date constant the OGR provider keeps throwing error messages and refusing to apply the filter.</p> <p>There is no documentation anywhere that I can find that documents how to specify a date value to a filter and trying some of the common SQL ones like quote marks or # characters have failed.</p>	

### History

#### #1 - 2017-10-23 08:46 AM - Giovanni Manghi

- Category changed from GUI to Vectors
- Status changed from Open to Feedback

Please attach sample data.

#### #2 - 2017-10-24 08:44 AM - Patrick Dunford

<https://drive.google.com/open?id=0B3nXs7drynJWeWVmbXFocWEycjQ>

#### #3 - 2017-10-24 11:41 AM - Giovanni Manghi

- Operating System deleted (Debian 9.1)
- Status changed from Feedback to Open
- Affected QGIS version changed from master to 2.18.13

This (example) works

```
cast(date as character) = '1938/02/04'
```

taken from

<https://gis.stackexchange.com/a/100050>

#### #4 - 2017-10-25 05:01 AM - Patrick Dunford

That seems to do the trick. However it is an issue on masters I have tested with, do you have any suggestion it is relevant to a particular version of master?

Can this be added to the official documentation as I did search for it but did not find a solution such as this.. How is this documentation produced.

#### #5 - 2017-10-25 10:21 AM - Harrissou Santanna

Patrick Dunford wrote:

*Can this be added to the official documentation as I did search for it but did not find a solution such as this.. How is this documentation produced.*

Patrick, the documentation source is at [www.github.com/qgis/QGIS-Documentation](http://www.github.com/qgis/QGIS-Documentation) and, from each html doc page you have a link at the bottom to directly access its source file and propose the changes you want. Guidelines to write docs are accessible at [http://docs.qgis.org/testing/en/docs/documentation\\_guidelines/index.html](http://docs.qgis.org/testing/en/docs/documentation_guidelines/index.html). And of course all these information are available in the QGIS main website.

That said, there are some information at [http://docs.qgis.org/testing/en/docs/user\\_manual/working\\_with\\_vector/expression.html#date-and-time-functions](http://docs.qgis.org/testing/en/docs/user_manual/working_with_vector/expression.html#date-and-time-functions) (I don't know if it would have solved your problem, though). I recall that Alexandre made a lot of tests with these field types before writing it. If you wanna complete/improve it, you are of course welcome...

#### #6 - 2017-10-25 10:34 AM - Giovanni Manghi

Harrissou Santanna wrote:

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I agree that a patch/contribution to docs would be good. I am anyway wondering if this is not really a bug, in the sense that in case of real date fields the above workaround should be applied by QGIS filter in a transparent way(?). Opinions?

#### #7 - 2017-10-25 10:41 AM - Harrissou Santanna

Giovanni Manghi wrote:

*I am anyway wondering if this is not really a bug, in the sense that in case of real date fields the above workaround should be applied by QGIS filter in a transparent way(?). Opinions?*

Agreed, field type should be enough to QGIS to handle data transparently and do these basic operations.

People should not have to cast it unless they wish to do some other particular process, not easily compatible with the field type.

**#8 - 2019-01-21 12:34 AM - Jürgen Fischer**

- *Status changed from Open to Feedback*

Please test with QGIS 3.4 - QGIS 2.18 reached it's end of life.

**#9 - 2019-02-24 01:07 AM - Giovanni Manghi**

- *Resolution set to no timely feedback*

- *Status changed from Feedback to Closed*