QGIS Application - Bug report #17320 Can't filter a table by a date field

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

Status: Closed Priority: Normal

Assignee:

Category: Vectors

Affected QGIS version:2.18.13 Regression?:
Operating System: Easy fix?:

Pull Request or Patch supplied: Resolution: no timely feedback

Crashes QGIS or corruptes data: Copied to github as #: 25218

Description

I have a shapefile whose data table has a field that contains dates and is shown in the layer properties as being QDateTime type.

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.

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.

No

No

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

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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:

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Patrick, the documentation source is at 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. And of course all these information are available in the QGIS main website.

That said, there are some information at http://docs.ggis.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:

Patrick Dunford 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.

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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

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