

## QGIS Application - Bug report #14458

### open datasource in read-only mode

2016-03-11 02:07 AM - Martin Landa

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Data Provider/OGR	
<b>Affected QGIS version:</b>	2.8.7	<b>Regression?:</b> No
<b>Operating System:</b>	Linux	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b> not reproducible
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 22436
<b>Description</b>		
<p>Hi,</p> <p>QGIS has some problems when opening datasources in read-only mode (eg. Shapefiles located in directory where the user has only read permission). When you open single file it works, but in log window appears</p> <p>OGR[3] chyba 4: Unable to open /mnt/home/pc07/Repository/gismentors/shp/osm/pozarni_stanice.shp or /mnt/home/pc07/Repository/gismentors/shp/osm/pozarni_stanice.SHP.</p> <p>The real problem starts when you try read all layers from <b>directory</b>. Then you get error:</p> <p>Invalid Data Source: /mnt/home/pc07/Repository/gismentors/shp/ochrana_uzemi is not a valid or recognized data source</p> <p>and nothing is open.</p>		

## History

### #1 - 2016-03-15 05:44 AM - Maximilian Krambach

When opening a directory with read-only shapes in it, I get I get a

"ERROR 4: Failed to open file /tmp/test.shp. It may be corrupt or read-only file accessed in update mode"

This message is created by the OGR provider, not QGIS.

<https://github.com/qgis/QGIS/blob/5bb25d8917dc0d494ae46c035f8e019f448c60fb/src/providers/ogr/qgsogrprovider.cpp#l2727>

QgsOgrProvider::open() handles the opening of a shapefile by checking if the OGROpen (... ,true) results in a valid layer (here the "unable to open" message is generated by OGR), and if not, proceeds with OGROpen (.....,false). --> Layer is opened in read-only mode

I think, if opened as a directory, somewhere in the code it is tried with just OGROpen(.....,true), and that fails, resulting in the layers affected to not open at all.

### #2 - 2016-03-25 03:08 AM - Giovanni Manghi

- Target version changed from 2.16 to Version 2.16

### #3 - 2016-03-29 03:26 PM - Nyal Dawson

- Status changed from Open to Feedback

I can't reproduce - What method are you using to add all files from a directory?

**#4 - 2016-05-21 11:28 AM - Giovanni Manghi**

- *Resolution set to not reproducible*

- *Status changed from Feedback to Closed*

closing for lack of feedback, please reopen if necessary.