

QGIS Application - Bug report #20193

DBManager fails to display error messages with virtual layers

2018-10-23 11:25 AM - Regis Haubourg

Status:	Closed	
Priority:	High	
Assignee:	Alessandro Pasotti	
Category:	DB Manager	
Affected QGIS version:	3.3(master)	Regression?: Yes
Operating System:	ubuntu	Easy fix?: No
Pull Request or Patch applied:	Yes	Resolution: fixed/implemented
Crashes QGIS or corrupts data:	No	Copied to github as #: 28014
Description		
<p>In QGIS master, error messages when trying to work with virtual layers are no more caught.</p> <p>IN QGIS 2.1, just issuing a wrong query like</p> <pre>SELECT *</pre> <p>returned a window with</p> <pre>Query preparation error on PRAGMA table_info(_tview): no tables specified</pre> <p>In QGIS master, this error window is empty.</p>		

History

#1 - 2018-10-23 11:27 AM - Regis Haubourg

Also occurs in QGIS 3.2.2

#2 - 2018-10-23 12:20 PM - Alessandro Pasotti

- Assignee set to Alessandro Pasotti

#3 - 2018-10-23 12:23 PM - Giovanni Manghi

as far as I remember it does not affect only virtual layers-

#4 - 2018-10-23 01:35 PM - Hugo Mercier

From what I can see, there is at least the following problem:

```
bool QgsVirtualLayerTask::run()
{
    bool rc = false;
    try
    {
```

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```

mLayer->reload(); // blocking call because the loading is postponed
rc = mLayer->isValid();
}
catch ( std::exception &e )
{
    QgsDebugMsg( QStringLiteral( "Reload error: %1" ).arg( e.what() ) );
    rc = false;
}
return rc;
}

```

The error is caught and displayed in a QgsDebugMsg. It seems there is no way to set an error status on a qgstask ?

#5 - 2018-10-23 03:01 PM - Alessandro Pasotti

- Status changed from Open to In Progress
- Pull Request or Patch supplied changed from No to Yes

PR <https://github.com/qgis/QGIS/pull/8283>

#6 - 2018-10-23 03:15 PM - Alessandro Pasotti

Sorry Hugo, I didn't see your comment before I made the PR.

Yes: there is no way to store an error message, that's why there is a wrapper for that in code:

<https://github.com/qgis/QGIS/blob/master/python/core/additions/qgstaskwrapper.py>

I'm not sure what would be the best re-usable approach here but the bugfix I've implemented was exactly to add exceptionText to the task in order to store the error message.

#7 - 2018-10-23 03:28 PM - Hugo Mercier

No problem :)

#8 - 2018-10-24 05:38 PM - Alessandro Pasotti

- Resolution set to fixed/implemented
- Status changed from In Progress to Closed

Implemented with <https://github.com/qgis/QGIS/pull/8283>