QGIS Application - Feature request #13496
Store connection settings separately from application settings

2015-10-03 01:57 AM - marisn -

Status:	Open		
Priority:	Normal		
Assignee:			
Category:	Unknown		
Pull Request or Patch supplied:	No	**Resolution:**	
Easy fix?:	No	**Copied to github as #:**	21541

Description

Current approach of storing connection (WMS) settings is by utilizing Qt's QSettings. It is an easy way, but till Qt 5.4.0, QSettings are not atomic thus prone to data loss in certain scenarios. The second downside - settings file gets written really often as it stores information on position and geometry of various UI components. This leads to writing out all connection settings every few minutes!
Thus moving connection settings to a different file/storage solution (SQLite?) would provide two benefits: 1) atomicy for Qt<5.4.0 users; 2) smaller disk IO for anyone with lots of connections.

Related info:
QGIS bug on regular WMS settings loss: #12684
Qt bug on QSettings data loss (also mentions performance penalty in comments): https://bugreports.qt.io/browse/QTBUG-21739

Related issues:

Related to QGIS Application - Feature request # 12684: QGIS should backup set...	**Open**	**2015-04-30**

History

#1 - 2017-05-01 12:46 AM - Giovanni Manghi

- Easy fix? set to No

#2 - 2017-09-22 10:07 AM - Jürgen Fischer

- Category set to Unknown