

VisIt - Bug # 1243: recommend adding -no-gtkstyle to Qt-4.X builds

Status:	Pending	Priority:	Normal
Author:	Mark Miller	Category:	
Created:	11/15/2012	Assigned to:	
Updated:	12/18/2012	Due date:	
Likelihood:	3 - Occasional		
Severity:	2 - Minor Irritation		
Found in Version:	2.5.2		
OS:	All		
Support Group:	Any		
Subject:	recommend adding -no-gtkstyle to Qt-4.X builds		
Description:	<p>I ran into a problem where Qt 4.8.3 build was bad. Even Qt's own @designer@ app was failing. It would segv very early on in startup.</p> <p>Granted my laptop is a bit old; gcc-4.1. But, after doing some research, I learned that choosing a different font style or scroll bar overlay style might fix the problem. But, I didn't know how to do either of those things. I did know how to turn off gtkstyle in Qt's configure though. And, when I did that, Qt started working for me.</p>		

History

11/15/2012 08:30 pm - Mark Miller

This may cause problems with the pyside sources that apparently reference GtkStyle. Am investigating solutions.

11/15/2012 11:49 pm - Mark Miller

Ok, after running into several problems, I realized that after changing the way Qt was built, I needed to re-build pyside too and then re-build parts of visit dependent on Qt and pyside. After doing all that, I have a version of VisIt where the CLI also runs properly. So, my recommendation (headline of ticket) still stands.

11/16/2012 12:27 pm - Mark Miller

In researching this issue for my laptop, I wanted to mention that I ran across numerous cases of very similar stack dumps from users of Ubuntu. I mention that to suggest it may be a more general problem.

11/28/2012 12:12 pm - Eric Brugger

- Status changed from New to Pending

This may cause the gui to not look so good, so we should investigate this and if is only a problem on old systems, then we probably shouldn't do it across the board.

12/18/2012 05:58 pm - Cyrus Harrison

Perhaps related:

For static build of Qt + VisIt.

xmledit fails to link due to missing gtk libs when gtkstyle is enabled.

Maybe xmledit is simply missing the proper qt deps - the gui does not fail to link to qt?