

Modelio 3 - Issue #314

Ubuntu Linux : GTK2 on HiDPI vs GTK3 Eclipse bug

28 July 2017 01:27 - Davide Sottara

Status:	New	Start date:	28 July 2017
Priority:	High	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	Modelio 3.6.1		
Description			
<p>As reported by other users (https://www.modelio.org/forum/16-feature-requests/4152-dpi-scale.html, #315), Modelio 3.6.01 is hard to use on a high resolution screen.</p> <p>On a Ubuntu 17.04 machine with Oracle Java 1.8.111), this is at least partly due to the fact that GTK2 does not support scaling (https://wiki.archlinux.org/index.php/HiDPI#GDK_3_28GTK.2B_3.29).</p> <p>GTK3 does support scaling, so the problem can be worked around enabling GTK3. However, due to this bug in Eclipse (https://bugs.eclipse.org/bugs/show_bug.cgi?id=486069), GTK3 can not run without throwing exceptions every time a popup window is opened.</p> <p>The GTK3/SWT bug has been fixed, but in later versions of Eclipse than the one used in 3.6.01 (https://git.eclipse.org/r/#/c/64695/3/bundles/org.eclipse.swt/Eclipse+SWT/gtk/org.eclipse.swt/widgets/TabFolder.java)</p> <p>As a result of the combination of the above issues, Modelio 3.6.01 is effectively impossible to use on Linux with high DPI screens</p> <p>Has anyone found alternative workarounds?</p>			
Related issues:			
Related to Issue # 315: Modelio doesn't honor screen dpi setting		New	08 August 2017
Duplicates Issue # 309: Icons are too small and layout of dialogue boxes not ...		Assigned	31 January 2017

History

#1 - 17 August 2017 17:22 - Cédric Marin

- Description updated