

EDIT - task #8716

Configure taxeditor to run with GTK2 in linux

11/21/2019 01:12 PM - Andreas Kohlbecker

Status:	Closed	Start date:	
Priority:	Priority13	Due date:	
Assignee:	Andreas Kohlbecker	% Done:	100%
Category:	taxeditor	Estimated time:	0:00 hour
Target version:	Release 5.12		
Severity:	normal		

Description

Der Taxeditor verwendet SWT in der Version 3.105.3.v20170228-0512 (Id: org.eclipse.swt, Version: 3.105.3.v20170228-0512) auf einem aktuellen Ubuntu (Bionic) ist GTK in der version 3.22.0 installiert (org.eclipse.swt.internal.gtk.version=3.22.30) und diese Version wird vom Taxeditor oder eclipse Neon auch verwendet.

Wenn man nach den Angaben von eclipse geht (Eclipse/SWT 3.0.x - 3.5.x: GTK+ 2.2.1 and its dependencies) sollte im Falle des Taxeditors aber GTK2 verwendet werden!

Siehe

<https://www.eclipse.org/swt/faq.php#gtkstartup>

oder

<https://stackoverflow.com/questions/48467865/glib-critical-g-base64-encode-step-assertion-in-null-failed-problems-i#50630300>

Das hat nichts mit den Dependencies der Targetplatform zu tun sondern mit der Konfiguration mit der der Editor im OS gestartet wird.

Bei den meisten Linuxen hat man die Wahl zwischen GTK2 und GTK3, nur wird der Taxeditor (wie Eclipse Neon auch) per Default mit GTK3 gestartet obwohl das laut eclipse nicht kompatibel ist.

Dieses Thema meinte ich. Gibt es Probleme wenn man auf GTK2 umstellt? Mit GTK3 hagelt es bei Start ja immer ERRORS.

the links provided in this E3 -> E4 migration ticket [#6545](#) could potentially be helpful

Associated revisions

Revision 2279c433 - 11/21/2019 04:15 PM - Andreas Kohlbecker

ref #8716 setting GTK to version 2 in the product launcher configuration

History

#1 - 11/21/2019 04:03 PM - Andreas Kohlbecker

- Status changed from New to In Progress
- Assignee changed from Katja Luther to Andreas Kohlbecker
- Priority changed from New to Priority13
- Target version changed from Unassigned CDM tickets to Release 5.12

as documented in <https://wiki.eclipse.org/SWT/Devel/Gtk/GtkVersion> the gtk version can be set via

```
--launcher.GTK_version  
3
```

in the *.ini file

#2 - 11/21/2019 04:09 PM - Andreas Kohlbecker

Andreas Kohlbecker wrote:

as documented in <https://wiki.eclipse.org/SWT/Devel/Gtk/GtkVersion> the gtk version can be set via

```
--launcher.GTK_version
3
```

in the *.ini file

Works! This effectively sets the gtk version to

```
org.eclipse.swt.internal.gtk.version=2.24.32
```

#3 - 11/21/2019 04:16 PM - Andreas Kohlbecker

- Status changed from *In Progress* to *Resolved*
- Assignee changed from *Andreas Kohlbecker* to *Patrick Plitzner*
- % Done changed from *0* to *50*

please report if you are having any problems due to the switch to GTK2

#4 - 12/11/2019 05:43 PM - Patrick Plitzner

- Status changed from *Resolved* to *Feedback*
- Assignee changed from *Patrick Plitzner* to *Andreas Kohlbecker*

On my home desktop PC with Linux Mint, Cinnamon desktop I have no problems but I also did not have any problems before.

On my office PC with Ubuntu and LXDE I still get some GTK render errors in the error log while the editor is running.

#5 - 12/12/2019 10:12 AM - Andreas Kohlbecker

- Assignee changed from *Andreas Kohlbecker* to *Patrick Plitzner*

Patrick Plitzner wrote:

On my home desktop PC with Linux Mint, Cinnamon desktop I have no problems but I also did not have any problems before.

On my office PC with Ubuntu and LXDE I still get some GTK render errors in the error log while the editor is running.

Which GTK version is being used on your home desktop PC with Linux Mint?

#6 - 12/12/2019 10:52 AM - Patrick Plitzner

- Assignee changed from *Patrick Plitzner* to *Andreas Kohlbecker*

Andreas Kohlbecker wrote:

Patrick Plitzner wrote:

On my home desktop PC with Linux Mint, Cinnamon desktop I have no problems but I also did not have any problems before.

On my office PC with Ubuntu and LXDE I still get some GTK render errors in the error log while the editor is running.

Which GTK version is being used on your home desktop PC with Linux Mint?

This is what my Eclipse installation details say

```
org.eclipse.swt.internal.gtk.version=3.18.9
```

#7 - 12/12/2019 11:26 AM - Andreas Kohlbecker

- Description updated

#8 - 01/13/2020 05:10 PM - Andreas Kohlbecker

- Status changed from *Feedback* to *In Progress*
- Target version changed from *Release 5.12* to *Release 5.13*

#9 - 03/10/2020 10:03 AM - Andreas Kohlbecker

- Target version changed from Release 5.13 to Release 5.14

#10 - 04/08/2020 05:56 PM - Andreas Kohlbecker

- Target version changed from Release 5.14 to Release 5.15

#11 - 06/09/2020 03:25 PM - Andreas Kohlbecker

- Target version changed from Release 5.15 to Release 5.18

#12 - 12/01/2020 04:13 PM - Andreas Kohlbecker

- Target version changed from Release 5.18 to Release 5.19

#13 - 01/27/2021 03:23 PM - Andreas Kohlbecker

- Target version changed from Release 5.19 to Release 5.21

#14 - 03/10/2021 03:31 PM - Andreas Kohlbecker

- Target version changed from Release 5.21 to Release 5.22

#15 - 04/14/2021 05:20 PM - Andreas Kohlbecker

- Target version changed from Release 5.22 to Release 5.45

#16 - 02/22/2022 04:15 PM - Andreas Kohlbecker

- Status changed from In Progress to Closed

- % Done changed from 50 to 100

apparently fixed

#17 - 02/22/2022 04:16 PM - Andreas Kohlbecker

- Target version changed from Release 5.45 to Release 5.12