
Add Ubuntu Unity support, Panel Applet (Tray Icon)

Posted by ezkomomo - 2013/07/20 09:50

On Ubuntu 13.04 with Unity it would be very useful to add a tray icon (panel applet) like the icon in the window taskbar. At the moment I can not find a way to do so in Ubuntu with Rainlendar Version 2.11.1 (b129) 64 bit (currently newest version).

Another way would be to add a Rainlendar icon to the launcher of Unity (default: on the left side). The icon should allow to show the desktop calendar, todo and event list on top of all other window until someone clicks outside of the Rainlendar windows (calendar, todo list...).

What is possible at the moment?

You can lock the Rainlendar icon to Unity's launcher, if you have opened Rainlendar's options in example. But every time you click on the icon, a message appears, which asks you:

"Do you want to start another instance? Rainlendar seems to be already running. You can start another instance by selecting 'Yes'. If this is not the case and this question pops up every time you start Rainlendar please remove this file: /tmp/Rainlendar2-...."

I hope you understand that it would very nice to have an app icon feature to quick access the calendar, event list etc. if you have got a lot of different windows opened.

Please let me know if something isn't clear to you or if I can help somehow.

http://www.rainlendar.net/cms/images/fbfiles/images/Ubuntu_13.jpg

Re: Add Ubuntu Unity support, Panel Applet (Tray Icon)

Posted by Rainy - 2013/07/21 03:29

Rainlendar already supports the app indicator icons that are used in Unity. Just make sure you have both Options->Advanced->"Show tray icon" and Options->Advanced->"Show app indicator icon" enabled.

You can bring Rainlendar's windows to top like this:

```
rainlendar2 -e "Hotkey_Show_Windows()"
```

I haven't used Unity much but I would imagine that there is some way to create a custom launcher icon for it that will run the above command.

Re: Add Ubuntu Unity support, Panel Applet (Tray Icon)

Posted by ezkomomo - 2013/07/21 04:38

Rainlendar already supports the app indicator icons that are used in Unity. Just make sure you have both Options->Advanced->"Show tray icon" and Options->Advanced->"Show app indicator icon" enabled.

Sry, I didn't mention this: I have got every icon enabled. Please have a look at the image attachment.

You can bring Rainlendar's windows to top like this:

Code:

```
rainlendar2 -e "Hotkey_Show_Windows()"
```

Thank you, the command works. But it has got a bad side effect for me. Actually the command brings all Rainlendar windows to top, also windows that should remain hidden (I disabled the event window).

Do you know any workaround?

Thanks. http://www.rainlendar.net/cms/images/fbfiles/images/Screenshot_from_2013_07_21_11_25_43.png

Re: Add Ubuntu Unity support, Panel Applet (Tray Icon)

Posted by Rainy - 2013/07/21 06:56

You could check if the debug log contains any errors related to the app indicator.

If you don't need the event list window at all you can just remove it from the active skin (Options->Skins, click the "Advanced >>>" button and remove the window from the list on right). Alternatively you can edit the lua script so that it will only change the position of certain windows. The scripts are in Rainlendar's installation folder.

Re: Add Ubuntu Unity support, Panel Applet (Tray Icon)

Posted by ezkomomo - 2013/07/21 07:28

Actually got one error and warning in the log file:

```
11:24:53: Error: /usr/lib/libappindicator.so: cannot open shared object file: No such file or directory
11:24:53: WARNING: Unable to open the /usr/lib/libappindicator.so
```

If you don't need the event list window at all you can just remove it from the active skin (Options->Skins, click the "Advanced >>>" button and remove the window from the list on right).

Okay, after removing the windows from the skin options only the remaining windows pop up with
rainlendar2 -e "Hotkey_Show_Windows()"
So this works. Now I have to try to create a custom launcher icon with this command. Or maybe you are quicker with fixing the app indicator bug (if it is really a bug) :)

Re: Add Ubuntu Unity support, Panel Applet (Tray Icon)

Posted by Rainy - 2013/07/21 08:59

Do you have the libappindicator.so library in /usr/lib?

Re: Add Ubuntu Unity support, Panel Applet (Tray Icon)

Posted by ezkomomo - 2013/07/21 09:59

Nope

Re: Add Ubuntu Unity support, Panel Applet (Tray Icon)

Posted by Rainy - 2013/07/21 12:50

Well, that's why it's not working then. Do you have the file somewhere else? Do you have the "libappindicator1" package installed? If not, does installing it fix the problem?

Re: Add Ubuntu Unity support, Panel Applet (Tray Icon)

Posted by ezkomomo - 2013/07/21 15:14

Yes libappindicator1 is already installed ("libappindicator1 is already the newest version.").

But I cannot find libappindicator.so, these are my search results:

```
:/$ find /usr -name 'libappindicator*'
/usr/lib/x86_64-linux-gnu/libappindicator.so.1.0.0
/usr/lib/x86_64-linux-gnu/libappindicator3.so.1.0.0
/usr/lib/x86_64-linux-gnu/libappindicator3.so.1
/usr/lib/x86_64-linux-gnu/libappindicator.so.1
/usr/share/doc/libappindicator1
/usr/share/doc/libappindicator3-1
```

Re: Add Ubuntu Unity support, Panel Applet (Tray Icon)

Posted by Rainy - 2013/08/01 10:17

Hmmm... You could try to create a link to the "libappindicator.so.1" with just the "libappindicator.so" as name and see if Rainlendar can load the library after that.

Re: Add Ubuntu Unity support, Panel Applet (Tray Icon)

Posted by bab5470 - 2018/01/26 09:01

I had this issue too on ubuntu 17.10 running gnome. I was able to partially solve it by doing as suggested:

```
In -s /usr/lib/x86_64-linux-gnu/libappindicator.so.1 /usr/lib/libappindicator.so
```

Rainlendar now has a "space" in the system tray but the actual icon isn't being used:

http://www.rainlendar.net/cms/images/fbfiles/images/Screenshot_from_2018_01_26_09_52_35.png

Any ideas how I can get the actual icon to show up? I've tried several different skins to no avail.

I see the following when I run with --debug:

```
09:56:01 AM: DEBUG: Skin "newskin" read ok.
09:56:01 AM: DEBUG: Creating window "Alarm".
09:56:01 AM: DEBUG: Creating window "Today".
09:56:01 AM: DEBUG: Creating window "Tooltip".
09:56:01 AM: DEBUG: Creating window "TrayIcon".
09:56:01 AM: DEBUG: AppIndicator library loaded successfully.
09:56:01 AM: Menu date Invalid time
09:56:01 AM: DEBUG: TrayIcon element: bitmap.trayicon.linux.dark
09:56:01 AM: DEBUG: Creating window "Calendar".
09:56:01 AM: DEBUG: Creating window "Event List".
09:56:01 AM: DEBUG: Creating window "Todo List".
09:56:01 AM: DEBUG: Flushed the config to disk (time: 0)
09:56:01 AM: DEBUG: Refresh step 2
```

I'm not sure if the menu date invalid time is relevant or not?

Also later down in the log:

```
09:56:01 AM: ShowTrayIcon=1
09:56:01 AM: UseAppIndicator=1
09:56:01 AM: ShowTrayStatusIcons=1
```

Any help would be appreciated. I'd sorta like to have an actual icon there :)

Thanks,
Brad

Re:Add Ubuntu Unity support, Panel Applet (Tray Icon)

Posted by Rainy - 2018/01/28 08:42

The icons are stored to /usr/share/icons/ folder and Gnome should use them automatically from there. What icon theme you are using? Currently only the ubuntu-mono-dark and ubuntu-mono-light are supported.

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Re:Add Ubuntu Unity support, Panel Applet (Tray Icon)

Posted by Rainy - 2018/01/28 08:51

Try also if updating the icon cache helps:
sudo update-icon-caches /usr/share/icons/*

=====

Re:Add Ubuntu Unity support, Panel Applet (Tray Icon)

Posted by bab5470 - 2018/01/29 07:41

sudo update-icon-caches /usr/share/icons/* does not help (I ran the command, exited rainlendar2 and restarted it and the tray icon appears the same)

If I go to /usr/share/icons/ I see ubuntu-mono-dark, going into that I see folders which appear to be icon sizes. I assume the icon size I'm interested in is 16x16 (but I also checked the other ones). Inside those folders there is an apps folder and inside that I see a single png file for shutter (a screenshot program I use).

There are no other files despite having several other applications with app indicator icons.

As far as the theme I'm using in rainlendar its basically Shadow4.r2skin (customize.org/rainlendar/skins/78229) As mentioned I tried a few other skins as well.

I suppose I could try to create a png file and throw it in /usr/share/icons but what do I name it?

Thanks
Brad

=====

Re:Add Ubuntu Unity support, Panel Applet (Tray Icon)

Posted by Rainy - 2018/01/30 12:55

You should be able to find the icons from /usr/share/icons/ubuntu-mono-dark/apps/48/ folder. They are called rainlendar-dN.svg where the N is a number from 1 to 31. Gnome should automatically scale them so it shouldn't matter what the actual size is (and they are vector icons so scaling is not a problem either).

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Re:Add Ubuntu Unity support, Panel Applet (Tray Icon)

Posted by bab5470 - 2018/01/30 13:42

Looks like they're all there... so that doesn't explain why the icon is missing in the tray:

```
ll /usr/share/icons/ubuntu-mono-dark/apps/48
total 264
drwxr-xr-x 2 root root 4096 Dec  4 2016 ./
drwxr-xr-x 6 root root 4096 Oct 21 07:50 ../
-rw-r--r-- 1 root root 4381 Nov 13 2015 rainlendar-d10.svg
```

```
-rw-r--r-- 1 root root 4381 Nov 13 2015 rainlendar-d11.svg
-rw-r--r-- 1 root root 4381 Nov 13 2015 rainlendar-d12.svg
-rw-r--r-- 1 root root 4381 Nov 13 2015 rainlendar-d13.svg
-rw-r--r-- 1 root root 4381 Nov 13 2015 rainlendar-d14.svg
-rw-r--r-- 1 root root 4381 Nov 13 2015 rainlendar-d15.svg
-rw-r--r-- 1 root root 4381 Nov 13 2015 rainlendar-d16.svg
-rw-r--r-- 1 root root 4381 Nov 13 2015 rainlendar-d17.svg
-rw-r--r-- 1 root root 4381 Nov 13 2015 rainlendar-d18.svg
-rw-r--r-- 1 root root 4381 Nov 13 2015 rainlendar-d19.svg
-rw-r--r-- 1 root root 4379 Nov 13 2015 rainlendar-d1.svg
-rw-r--r-- 1 root root 4381 Nov 13 2015 rainlendar-d20.svg
-rw-r--r-- 1 root root 4381 Nov 13 2015 rainlendar-d21.svg
-rw-r--r-- 1 root root 4381 Nov 13 2015 rainlendar-d22.svg
-rw-r--r-- 1 root root 4381 Nov 13 2015 rainlendar-d23.svg
-rw-r--r-- 1 root root 4381 Nov 13 2015 rainlendar-d24.svg
-rw-r--r-- 1 root root 4381 Nov 13 2015 rainlendar-d25.svg
-rw-r--r-- 1 root root 4381 Nov 13 2015 rainlendar-d26.svg
-rw-r--r-- 1 root root 4381 Nov 13 2015 rainlendar-d27.svg
-rw-r--r-- 1 root root 4381 Nov 13 2015 rainlendar-d28.svg
-rw-r--r-- 1 root root 4381 Nov 13 2015 rainlendar-d29.svg
-rw-r--r-- 1 root root 4379 Nov 13 2015 rainlendar-d2.svg
-rw-r--r-- 1 root root 4381 Nov 13 2015 rainlendar-d30.svg
-rw-r--r-- 1 root root 4381 Nov 13 2015 rainlendar-d31.svg
-rw-r--r-- 1 root root 4379 Nov 13 2015 rainlendar-d3.svg
-rw-r--r-- 1 root root 4379 Nov 13 2015 rainlendar-d4.svg
-rw-r--r-- 1 root root 4379 Nov 13 2015 rainlendar-d5.svg
-rw-r--r-- 1 root root 4379 Nov 13 2015 rainlendar-d6.svg
-rw-r--r-- 1 root root 4379 Nov 13 2015 rainlendar-d7.svg
-rw-r--r-- 1 root root 4379 Nov 13 2015 rainlendar-d8.svg
-rw-r--r-- 1 root root 4379 Nov 13 2015 rainlendar-d9.svg
-rw-r--r-- 1 root root 4372 Nov 13 2015 rainlendar-light.svg
```

Other ideas?

Re:Add Ubuntu Unity support, Panel Applet (Tray Icon)

Posted by bab5470 - 2018/02/11 08:59

bump Anyone? This isn't a major issue but I'd like my systray icon back if at all possible :)
