RNASeqGUI Package Installation

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1 RGTK2 installation guide

RNASeqGUI package needs GTK2 libraries to run. Below, it is described how to install GTK2 libraries on Linux, Mac OS and Windows.

1.1 For Linux users

We tested RNASeqGUI on Ubuntu 12.04 (precise) 64-bit, Kernel Linux 3.2.0-37-generic, GNOME 3.4.2.

1 - Open a terminal and type:

```
sudo apt-get update
```

```
sudo apt-get install libgtk2.0-dev
```

2 - Type:

```
sudo apt-get install libcurl4-gnutls-dev
```

3 - Type:

```
sudo apt-get install libxml2-dev
```

1.2   For Mac OS users

1 - Install `Xcode` developer tools (at least version 5.0.1) from Apple Store (it is free).

2 - Install `XQuartz-2.7.5.dmg` from `http://xquartz.macosforge.org/landing/`

3 - Install `GTK_2.24.17_X11.pkg` from `http://r.research.att.com` .

1.3   For Windows users

1 - download `gtk+-bundle_2.22.1-20101229_win64.zip` from
`http://ftp.gnome.org/pub/gnome/binaries/win64/gtk+/2.22/` .

2 - This is a bundle containing the GTK+ stack and its dependencies for Windows. To use it, create some empty folder like $C:\opt\gtk$.

3 - Unzip this bundle.

4 - Now, you have to add the bin folder to your `PATH` variable. Make sure you have no other versions of `GTK+` in `PATH` variable. To do this, execute the following instructions: Open `Control Panel`, click on `System and Security`, click on `System`, click on `Advanced System Settings`, click on `Environment Variables`. In the `Environment Variables` window you will notice two columns `User variables` for a user name and `System variables`. Change the `PATH` variable in the `System`

`variables` to be $C : \backslash opt \backslash gtk \backslash bin$.

This is all you need to install the GTK2 libraries.

2 Session Info

- R version 3.2.2 (2015-08-14), `x86_64-pc-linux-gnu`
- Locale: `LC_CTYPE=en_US.UTF-8`, `LC_NUMERIC=C`, `LC_TIME=en_US.UTF-8`, `LC_COLLATE=C`, `LC_MONETARY=en_US.UTF-8`, `LC_MESSAGES=en_US.UTF-8`, `LC_PAPER=en_US.UTF-8`, `LC_NAME=C`, `LC_ADDRESS=C`, `LC_TELEPHONE=C`, `LC_MEASUREMENT=en_US.UTF-8`, `LC_IDENTIFICATION=C`
- Base packages: base, datasets, grDevices, graphics, methods, stats, utils
- Loaded via a namespace (and not attached): BiocStyle 1.8.0, tools 3.2.2