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Subject: Re: DBus integration -- need help  
Posted by [Klugier](#) on Thu, 20 Jul 2017 22:30:17 GMT  
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Hello,

You could try use following methods of Ctrl to obtain gtk & gdk handlers:

```
GdkWindow *gdk() const { return top ? top->window->window : NULL; }  
GtkWindow *gtk() const { return top ? (GtkWindow *)top->window : NULL; }
```

Probably with these two variables you could try to integrate D-BUS. Sometimes ago I plan that innovation for U++, but it will require time to develop that we don't have it too much now. D-Bus could be usefull for develop such features as notification and global menu and probably more.

You could also see our GTK backend code easily. Just go to CtrlLib and analyze the files under "Gtk" separator. Probably there you will find the handling of event loop.

If you guys create something that could be used as library. It would be nice to keep it as open source.

Sincerely and good luck with implementation,  
Klugier

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