



Open Object RexxGTK

Platform Independent GUI

W. David Ashley

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What Is RexxGTK?

Open Object RexxGTK is a set of classes and APIs that provide a platform independent graphical user interface for ooRexx. It encapsulates the GTK library with a set of ooRexx classes and functions.

Getting Started (Linux)

The Linux version of RexxGTK only requires that GTK (the GNOME desktop) is available. There are no other special requirements.

Getting Started (Windows)

The Windows platform requires that you load the GTK libraries before you can use RexxGTK. These are available free of charge under the LGPL license from a number of sources.

The rexxgtk.cls File

The only class file required for RexxGTK is the rexxgtk,cls file. It comprises all the widget classes and functions needed by the interface.

The GTK library is a C-based API. The RexxGTK interface imposes a class hierarchy on that API set.

Sample Program 1

```
window = .myMainWindow~new('GTK_WINDOW_TOPLEVEL')
window~set_title( 'Hello World')
window~set_border_width(10)
window~set_size_request(200, 100)

window~signal_connect("destroy")

label= .GtkLabel~new('Hello World')
label~set_selectable(.true)

window~add(label)
window~show_all()

call gtk_main

return

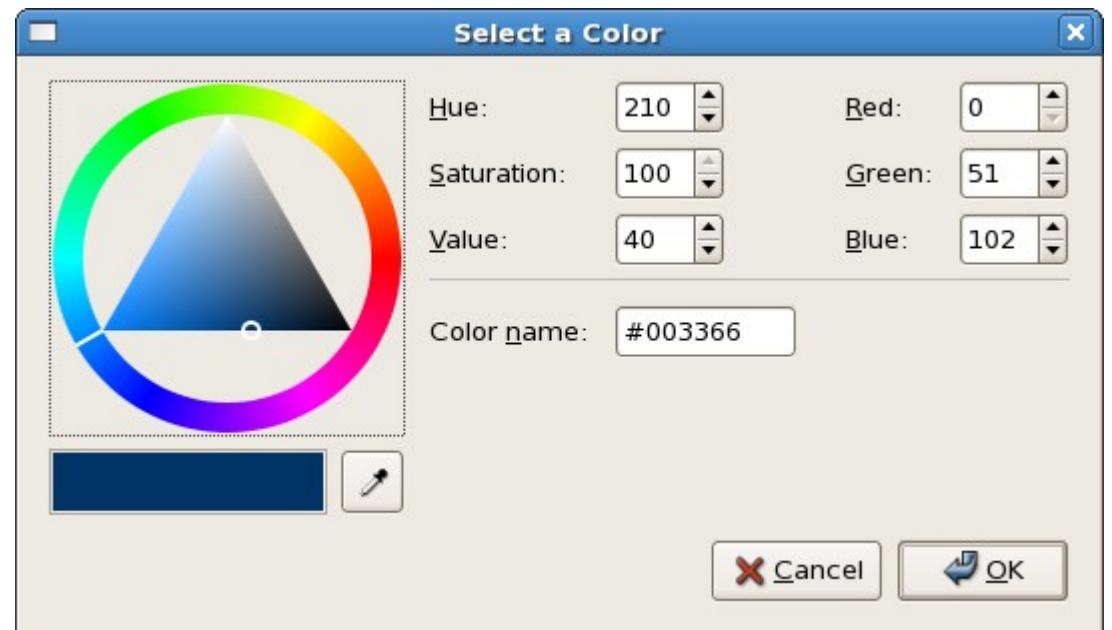
::requires 'rexxgtk.cls'

::class myMainWindow subclass GtkWidget

::method signal_destroy
call gtk_main_quit
return
```

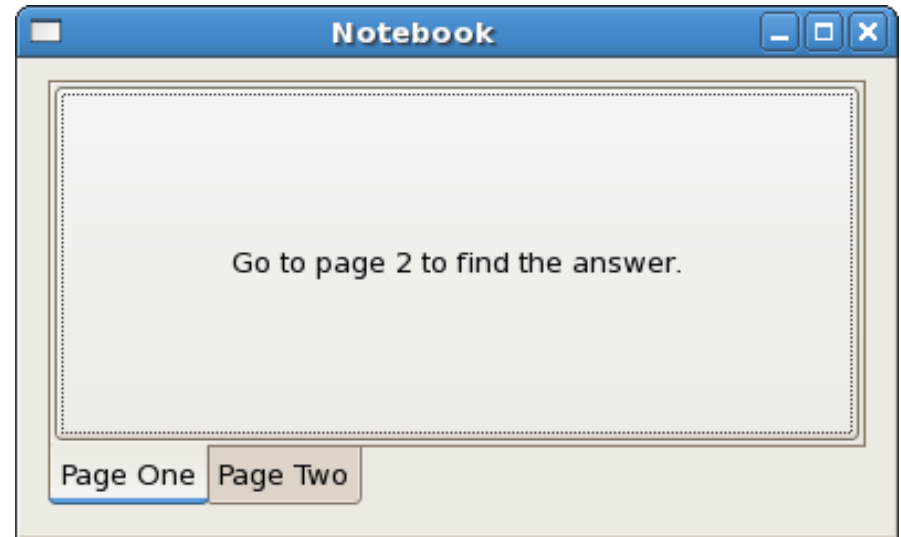
Example 1

- Color Button
- Color Selection



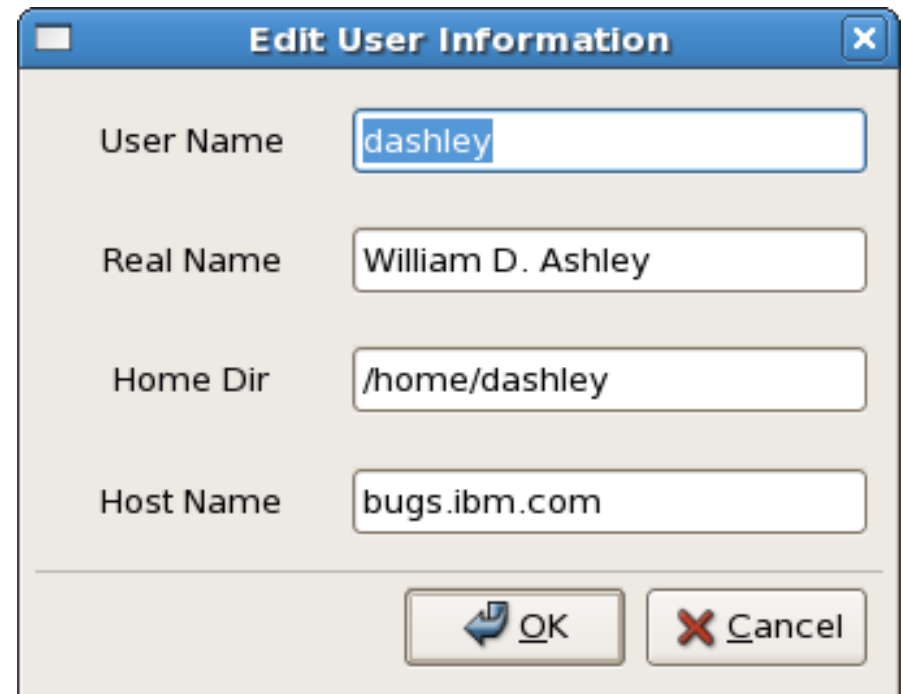
Example 2

- Notebook with tabs



Example 3

- Dialog

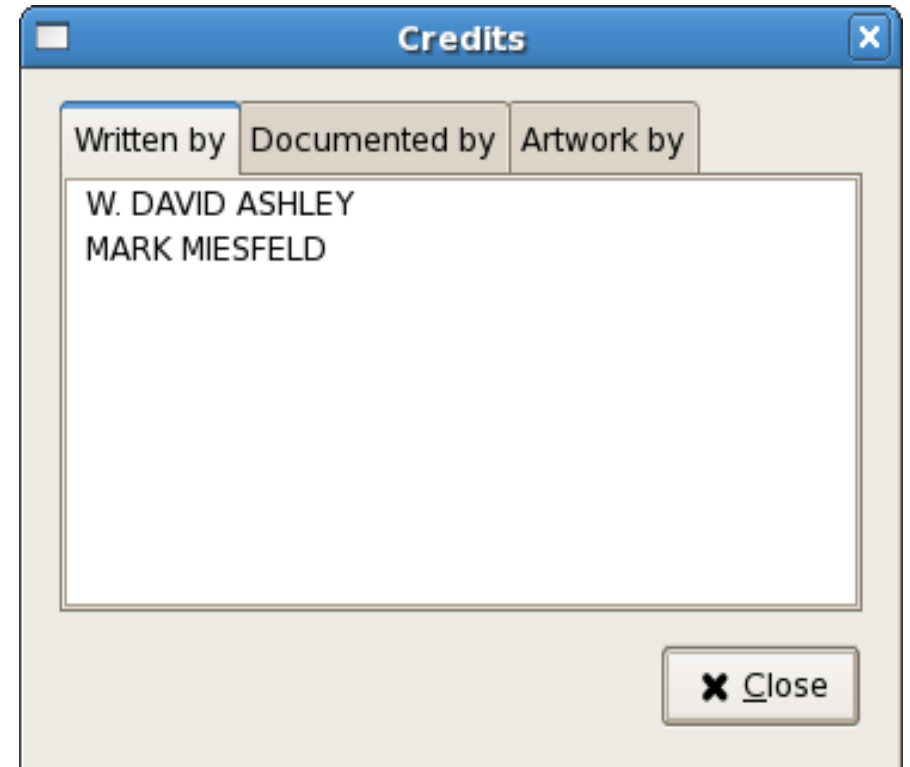


The image shows a standard Windows-style dialog box titled "Edit User Information". It features a blue title bar with a close button (X) in the top right corner. The main area is light gray and contains four text input fields, each with a label to its left: "User Name" (containing "dashley"), "Real Name" (containing "William D. Ashley"), "Home Dir" (containing "/home/dashley"), and "Host Name" (containing "bugs.ibm.com"). At the bottom of the dialog, there are two buttons: "OK" with a blue arrow icon and "Cancel" with a red X icon.

Field Label	Value
User Name	dashley
Real Name	William D. Ashley
Home Dir	/home/dashley
Host Name	bugs.ibm.com

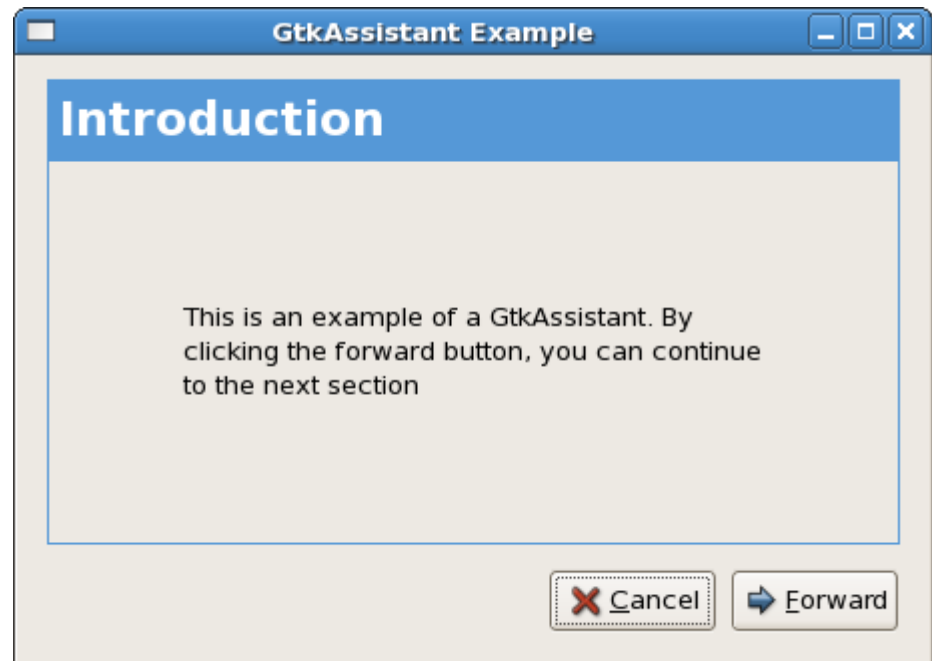
Example 4

- About Dialog

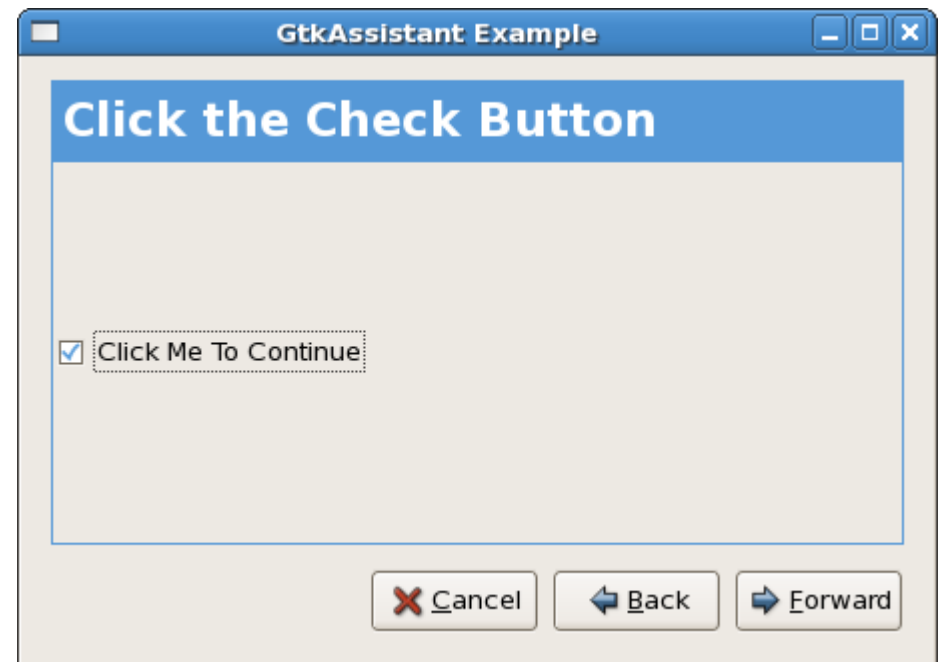
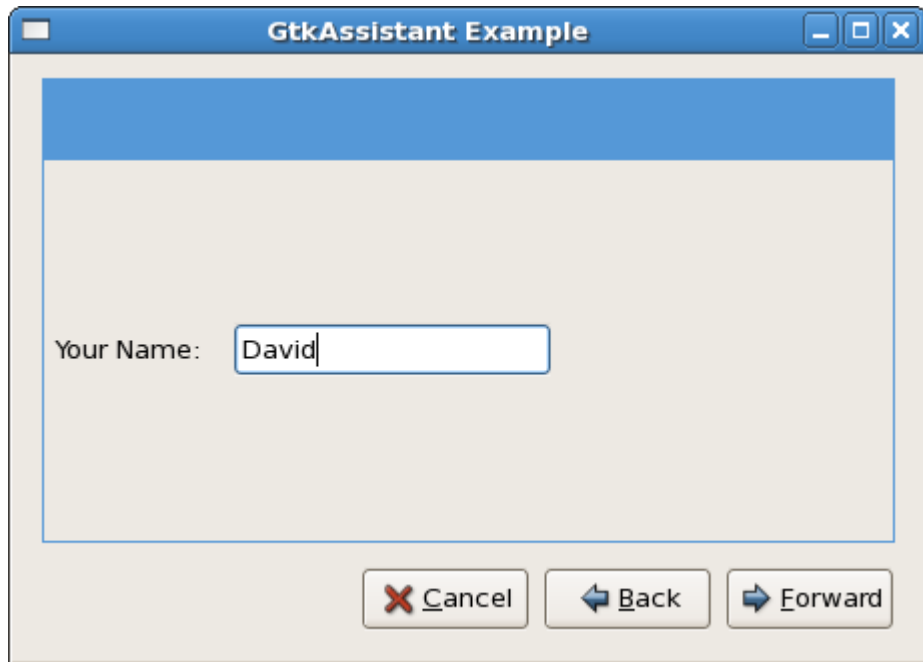


Example 5

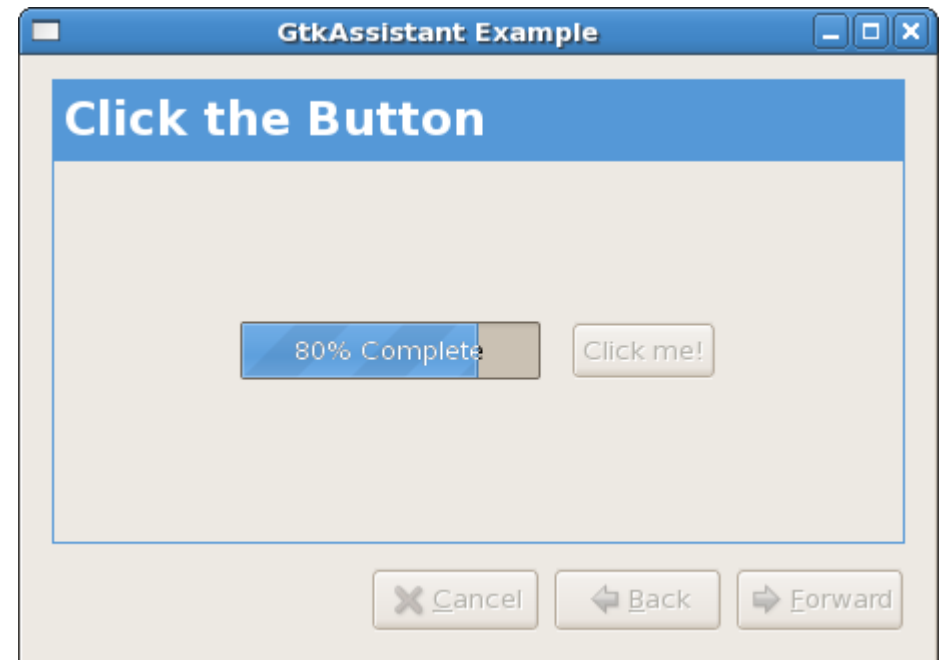
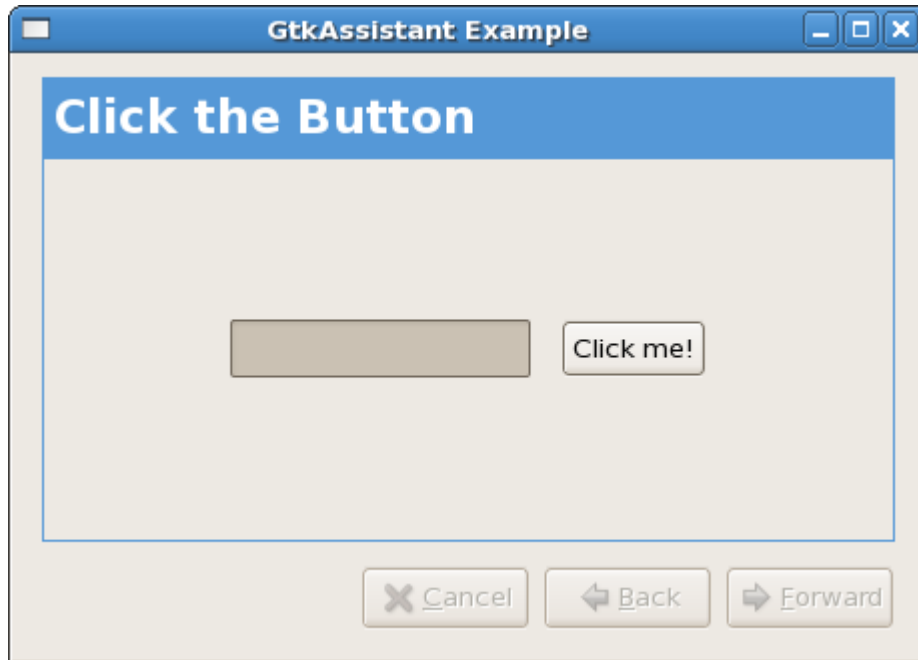
- Dialog with multiple pages



Example 5 (cont)



Example 5 (cont.)



Example 5 (cont.)



Example 6

- Text Widget

