RUBY/TK - STANDARD DAILOG BOX

Description:

Dialog boxes are a type of window used in applications to get some information from the user, inform them that some event has occurred, confirm an action and more.

The appearance and usage of dialog boxes is usually quite specifically detailed in a platform's style guide. Tk comes with a number of dialog boxes built-in for common tasks, and which help you conform to platform specific style guidelines.

File, Directory and Color Dialog Box:

Ruby/Tk provides several dialogs to let the user select files or directories. The *open* variant on the dialog is used when you want the user to select an existing file, while the *save* variant is used to choose a file to save. There are four variants, which can be used:

- **Tk.getOpenFile:** To have one open file dialog box.

- **Tk.getSaveFile:** To have one save file dialog box.

- **Tk.chooseDirectory** To have one choose directory dialog box.

- **Tk.chooseColor** To have one choose color dialog box.

Examples:

Following example will explain how to create *Open* file dialog box.

```ruby
require 'tk'

root = TkRoot.new
root.title = "Window"

button_click = Proc.new {
  Tk.getOpenFile
}

button = TkButton.new(root) do
  text "button"
  pack("side" => "left",  "padx"=> "50", "pady"=> "50")
end

button.comman = button_click

Tk.mainloop
```
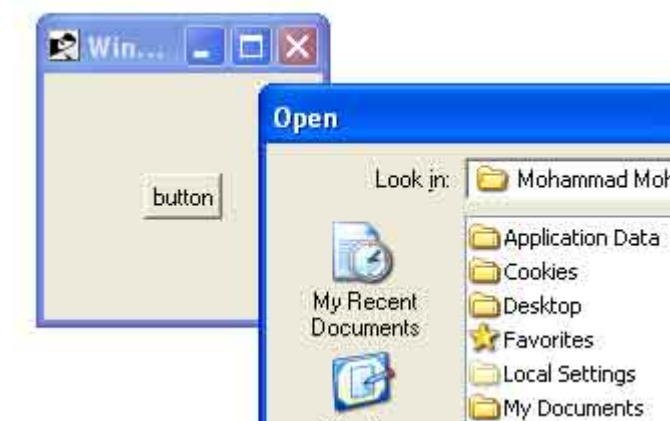
This will produce the following result:

Following example will explain how to create *Choose Color* dialog box.

```
require 'tk'

root = TkRoot.new
root.title = "Window"

button_click = Proc.new {
  Tk.chooseColor
}

button = TkButton.new(root) do
  text "button"
  pack("side" => "left",  "padx"=> "50", "pady"=> "50")
end

button.comman = button_click

Tk.mainloop
```

This will produce the following result: