require 'tk'
class Dialog

  def initialize
    @@pading = { 'padx' => 10, 'pady' => 10 }
    doFoo = proc {showDialog}
    root = TkRoot.new { title "Simple" }
    root.minsize(100,100)
    root.geometry("150x100")
    TkButton.new(root) {text 'Do It'
      command doFoo
      pack(@@pading)}
    TkButton.new(root) {
      text 'Exit'
      command {root.destroy}
      pack @@pading}
  end

def showDialog
  popup = TkToplevel.new {|
    title("Sample Dialog")
    geometry("200x100+25+300")
  }
  hide = proc {popup.withdraw}
  TkButton.new(popup) {
    text 'close'
    command hide
    pack( @@pading ) }
end

dialog new
Tk.mainloop
require 'tk'

class BuiltinDialog

  def foo
    options = ['Good', 'Bad', 'Perhaps']
    popup = TkDialog.new({
      'title' => "Surprise",
      'message' => "Select one of the\nfollowing options",
      'buttons' => options
    })
    selected = popup.value
    TkDialog.new({
      'title' => "Result",
      'message' => ("You selected\n" + options[selected]),
      'buttons' => ['Ok']
    })
  end

end

def initialize
  pading = { 'padx' => 10, 'pady' => 10 }
doFoo = proc {foo}
root = TkRoot.new { title "Simple" }
TkButton.new(root) {text 'Show It'
  command doFoo; pack pading}
TkButton.new(root) {
  text 'Exit'
  command {root.destroy}
  pack pading}
end
end

BuiltinDialog.new
Tk.mainloop
Some Ruby-Tk Examples

The examples require some tweaking


Java AWT & Threads

AWT is thread safe
Java Swing is not Thread Safe
SwingUtilities.invokeLater(Runnable doRun)
SwingUtilities.invokeLaterAndWait(Runnable doRun)
Java Swing & threads - Some references

Threads and Swing

Using a Swing Worker Thread
http://java.sun.com/products/jfc/tsc/articles/threads/threads2.html

The Last Word in Swing Threads

Java TCP Sockets and Swing Tutorial
http://www.cise.ufl.edu/~amyles/tcpchat/