

```
000010 IDENTIFICATION DIVISION.
000020 PROGRAM-ID.      guitest.
000030 ENVIRONMENT DIVISION.
000040 DATA DIVISION.
000050 WORKING-STORAGE SECTION.
000060
000070 01 check1          pic x.
000070 01 check           usage pointer external.
000080 01 parent          usage pointer.
000090 01 radio           usage pointer external.
000090 01 radio1          usage pointer external.
000090 01 radio2          usage pointer external.
000090 01 button          usage pointer external.
000100 01 button1         usage pointer external.
000110 01 button2         usage pointer external.
000120 01 edit           usage pointer external.
000130 01 edit1          usage pointer external.
000140 01 edit2          usage pointer external.
000150 01 label1         usage pointer external.
000160 01 label2         usage pointer external.
000170 01 label3         usage pointer external.
000180 01 label4         usage pointer external.
000190 01 label5         usage pointer external.
000200 01 label6         usage pointer external.
000200 01 combo         usage pointer external.
000200 01 frame          usage pointer external.
000210 01 stringa        pic x(10) value "provaXX".
000220
000230         copy "global".
000240
000240 PROCEDURE DIVISION.
000250
000260
000270         invoke gtk-form "Openform"

000290         move "Example form" to "title" of self.
000300
000310         move gtk-true to "modal" of gtk-form.

*
* always true ....
*
         if "modal" of gtk-form = gtk-true
           display "this is a modal window"
         else
           display "not modal".

*
* adjust size using single property
*
000320         move 800      to "width" of gtk-form.
000330         move 250      to "height" of gtk-form.

* or adjust invoking the appropriate method...

         invoke gtk-form "setsize" using 800 250

000350         invoke self "createframe" using frame
000360         "Frame's title " line 1 pos 1

         invoke frame "setsize" using 799 249
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000350      invoke self "createradio" using radio
000360          "radio one"   " line 120 pos 250

      invoke radio "addradio" using radiol
000360          "radio two"  " line 120 pos 350

      invoke radio "addradio" using radio2
000360          "radio three" " line 120 pos 450

      invoke radio "addradio" using radio2
000360          "radio four"  " line 120 pos 550

      move gtk-true to "value" of radiol

000350      invoke self "createbutton" using button
000360          "Assign as title" line 180 pos 10
000370
000380
000390      invoke self "createbutton" using button1
000400          "Done" line 180 pos 120
000410
000420 *      move 80 to "width" of button1.
000430
000440 *      if the above statement is not declared
000450 *      the "createbutton" calculate it
000460
000470 *      move 35 to "height" of button1.
000480
000490      invoke self "createbutton" using button2
000500          "Invoke another form" line 180 pos 180
000510
000520 *      move 80 to "width" of button2.
000530 *      move 35 to "height" of button2.
000540
000550      invoke self "createtext" using edit
000560          line 10 pos 100.
000570
000580      move 180 to "width" of edit.
000590      move 25 to "height" of edit.
000600
000610      invoke self "createtext" using edit1
000620          line 51 pos 100.
000630
000640      move 180 to "width" of edit1.
000650      move 25 to "height" of edit1.
000660
000670      invoke self "createtext" using edit2
000680          line 91 pos 100.
000690
000700      move 180 to "width" of edit2.
000710      move 25 to "height" of edit2.
000720
000730      move "Title" of self to "Text" of edit
000740
000750      invoke gtk-form "createlabel" using label1
000760          "Window's title" line 11 pos 10

      move "red" to "forecolor" of label1.
000770
000780 *      move 100 to "width" of label1.
000790 *      move 25 to "height" of label1.
000800
000810      invoke gtk-form "createlabel" using label2
000820          "What you wrote" line 51 pos 10
```

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move "red" to "backcolor" of label1.
move "blue" to "forecolor" of label1.
000830
000840* move 100 to "width" of label1.
000850* move 25 to "height" of label1.
000860
000870 invoke self "createcheck" using check
000880 "Upper case" line 120 pos 20

move "red" to "backcolor" of check.
move "blue" to "forecolor" of check.

000870 invoke self "createcombo" using combo
000880 line 10 pos 300

invoke combo "setsize" using 150 25

000870 invoke combo "addstring" using "test window".
000870 invoke combo "addstring" using "another test".
000870 invoke combo "addstring" using "last string".

move "red" to "backcolor" of combo.
move "blue" to "forecolor" of combo.

000920 invoke gtk-form "Closed" using "exitForm"
000930
000940 invoke button "clicked" using "click"
000950
000960 invoke button1 "clicked" using "byebye".
000970
000980 invoke button2 "clicked" using "callform".
000990
001000 invoke check "clicked" using "testvalues".

001000 invoke combo "changed" using "combostring".
001010
001020 invoke gtk-form "showform".
001030
001040 invoke gtk-form "runform".
001050
001060
001070
001080 STOP RUN.
001090
001100 end program guitest.
001110
001120 identification division.
001130 program-id. exitForm.
001140 data division.
001150 working-storage section.
001160 77 testo pic x(100).
001170
001180 01 button usage pointer external.
001190 01 edit usage pointer external.
001200 01 edit1 usage pointer external.
001210 01 check usage pointer external.
001220
001230 copy "global".
001240
001250
001260 procedure division.
001270
```

```
001280
001290         move "title" of gtk-form to testo.
001300
001310         display " exitform " testo.
001320
001330         invoke gtk-form "closeform".
001340
001350     exit program.
001360     end program exitForm.
001370
001380     identification division.
001390     program-id. click.
001400     data division.
001410     working-storage section.
001420     01 button                usage pointer external.
001430     77 campo                 pic x(100).
001440     77 testo                 pic x(100).
001450
001460     01 edit                  usage pointer external.
001470     01 edit1                 usage pointer external.
001480     01 check                 usage pointer external.
001490     01 valore               pic s9(5) comp-5.
001500
001510         copy "global".
001520
001530
001540     linkage section.
001550     01 gtk-window            usage pointer.
001560     01 gtk-data             usage pointer.
001570
001580     procedure division using by value gtk-window by value gtk-data.
001590
001600         move "text" of edit to "title" of gtk-form.
001610
001620         if "value" of check = GTK-ON
001630             move "text" of edit to testo
001640             move function upper-case(testo) to "text" of edit1
001650             else
001660             move "text" of edit to "text" of edit1.
001670
001680     exit program.
001690     end program click.
001700
001710     identification division.
001720     program-id. testvalues.
001730     data division.
001740     working-storage section.
001750     01 button                usage pointer external.
001760     77 campo                 pic x(100).
001770     77 testo                 pic x(100).
001780
001790     01 edit                  usage pointer external.
001800     01 edit1                 usage pointer external.
001810     01 edit2                 usage pointer external.
001820     01 check                 usage pointer external.
001830     01 valore               pic s9(5) comp-5.
001840
001850         copy "global".
001860
001870
001880     linkage section.
001890     01 gtk-window            usage pointer.
001900     01 gtk-data             usage pointer.
001910
```



```
*      display "parent:" gtk-form " is " this-form.
*
*      if "is-widget" of gtk-form = GTK-TRUE
*      Display "gtk-form:" gtk-form " e' un widget"
*      else
*      Display "gtk-form:" gtk-form " NON e' un widget".
*
*      if "is-widget" of this-form = GTK-TRUE
*      Display "this-form:" this-form " e' un widget"
*      else
*      Display "this-form:" this-form " NON e' un widget".

      call "lancio2".

002500  exit program.
002510  end program callform.
002520

001710  identification division.
001720  program-id. combostring.
001730  data division.
001740  working-storage section.
001750  01 button                usage pointer external.
001760  77 campo                pic x(100).
001770  77 testo               pic x(100).
001780
001790  01 edit                  usage pointer external.
001800  01 edit1                 usage pointer external.
001810  01 edit2                 usage pointer external.
001820  01 check                usage pointer external.
001830  01 valore              pic s9(5) comp-5.
000200  01 combo                usage pointer external.
001840
001850      copy "global".
001860
001870
001880  linkage section.
001890  01 gtk-window            usage pointer.
001900  01 gtk-data             usage pointer.
001910
001920  procedure division using by value gtk-window by value gtk-data.
001930

      move "selstring" of gtk-window to "text" of edit.

      if "selstring" of gtk-window = "last string"
      move "you have chosen last item" to "Text" OF EDIT1.
002070
002080  exit program.
002090  end program combostring.
□
```