

Programming Graphical User Interfaces in R

Programming Graphical User Interfaces in R introduces each of the major R packages for GUI programming: RGtk2, qtbase, Tcl/Tk, and gWidgets. With examples woven through the text as well as stand-alone demonstrations of simple yet reasonably complete applications, the book features topics especially relevant to statisticians who aim to provide a practical interface to functionality implemented in R. The book offers:

- A how-to guide for developing GUIs within R
- The fundamentals for users with limited knowledge of programming within R and other languages
- GUI design for specific functions or as learning tools

The accompanying package, ProgGUlinR, includes the complete code for all examples as well as functions for browsing the examples from the respective chapters and is available through CRAN. Accessible to seasoned, novice, and occasional R users, this book shows that for many purposes, adding a graphical interface to one's work is not terribly sophisticated or time consuming.



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1	The Fundamentals of Graphical User Interfaces	1
1.1	A simple GUI in R	1
1.2	GUI design principles	4
1.3	Controls	8
	Choice of control	9
	Presenting options	9
	Checkboxes	9
	Radio buttons	10
	Combo boxes	10
	List boxes	11
	Sliders and spin buttons	11
	Initiating an action	12
	Buttons	12
	Icons	12
	Menu bars	13
	Toolbars	13
	Action objects	14
	Modal dialogs	14
	Message dialogs	14
	File choosers	14
	Displaying data	15
	Tabular display	15
	Tree widgets	15
	Displaying and editing text	16
	Single lines of text	16
	Text-editing boxes	16
	Guides and feedback	16
	Labels	17
	Status bars	17

	Tooltips	18
	Progress bars	18
1.4	Containers	18
	Top-level windows	19
	Tabbed notebooks	20
	Frames	20
	Expanding boxes	20
	Paned boxes	20
	Layout algorithms	21
	Box layout	21
	Grid layout	22
I	The gWidgets Package	23
2	gWidgets: Overview	25
2.1	Constructors	27
2.2	Methods	29
2.3	Event handlers	30
2.4	Dialogs	32
2.5	Installation	35
3	gWidgets: Container Widgets	37
3.1	Top-level windows	39
	A modal window	41
3.2	Box containers	42
	The ggroup container	42
	The gframe and gexpandgroup containers	45
3.3	Grid layout: the glayout container	46
3.4	Paned containers: the gpanedgroup container	47
3.5	Tabbed notebooks: the gnotebook container	48
4	gWidgets: Control Widgets	51
4.1	Buttons	51
4.2	Labels	53
	HTML text	53
	Status bars	53
	Icons and images	54
4.3	Text-editing controls	56
	Single-line, editable text	56
	Multiline, editable text	58
4.4	Selection controls	61
	Checkbox widget	61
	Radio buttons	62

	A group of checkboxes	63
	A combo box	64
	A slider control	67
	A spin button control	68
	Selecting from the file system	68
	Selecting a date	68
4.5	Display of tabular data	70
4.6	Display of hierarchical data	83
4.7	Actions, menus, and toolbars	86
	Toolbars	87
	Menu bars and pop-up menus	88
5	gWidgets: R-specific Widgets	91
5.1	A graphics device	91
5.2	A data frame editor	96
5.3	Workspace browser	97
5.4	Help browser	99
5.5	Command line widget	100
5.6	Simplifying creation of dialogs	100
II	The RGtk2 Package	101
6	RGtk2: Overview	103
6.1	Synopsis of the RGtk2R Package!RGtk2 API	104
6.2	Objects and classes	104
6.3	Constructors	105
6.4	Methods	108
6.5	Properties	109
6.6	Events and signals	110
6.7	Enumerated types and flags	112
6.8	The event loop	113
6.9	Importing a GUI from Glade	114
7	RGtk2: Windows, Containers, and Dialogs	115
7.1	Top-level windows	115
7.2	Layout containers	117
	Basics	117
	Widget size negotiation	118
	Box containers	119
	Alignment	123
7.3	Dialogs	124
	Message dialogs	124
	Custom dialogs	125

	File chooser	126
	Other choosers	127
	Print dialog	127
7.4	Special-purpose containers	128
	Framed containers	128
	Expandable containers	128
	Notebooks	128
	Scrollable windows	131
	Divided containers	132
	Tabular layout	133
8	RGtk2: Basic Components	137
8.1	Buttons	137
8.2	Static text and images	140
	Labels	140
	Images	142
	Stock icons	143
8.3	Input controls	143
	Text entry	143
	Check button	145
	Radio-button groups	146
	Combo boxes	147
	Sliders and spin buttons	149
8.4	Progress reporting	150
	Progress bars	150
	Spinners	151
8.5	Wizards	151
8.6	Embedding R graphics	156
8.7	Drag-and-drop	162
	Initiating a drag	163
	Handling drops	164
9	RGtk2: Widgets Using Data Models	165
9.1	Displaying tabular data	165
	Loading a data frame	165
	Displaying data as a list or table	166
	Accessing GtkTreeModel	169
	Selection	171
	Sorting	172
	Filtering	173
	Cell renderer details	175
9.2	Displaying hierarchical data	188
	Loading hierarchical data	188
	Displaying data as a tree	189

9.3	Model-based combo boxes	190
9.4	Text-entry widgets with completion	192
9.5	Sharing buffers between text entries	194
9.6	Text views	194
9.7	Text buffers	196
	Iterators	196
	Marks	198
	Tags	199
	Selection and the clipboard	200
	Inserting nontext items	200
10	RGtk2: Application Windows	205
10.1	Actions	205
10.2	Menus	207
	Menu bars	207
	Pop-up menus	209
10.3	Toolbars	210
10.4	Status reporting	213
	Status bars	213
	Info bars	214
10.5	Managing a complex user interface	215
11	Extending GObject Classes	221
III	The qtbase Package	225
12	Qt: Overview	227
12.1	The Qt library	227
12.2	An introductory example	228
12.3	Classes and objects	231
12.4	Methods and dispatch	233
12.5	Properties	234
12.6	Signals	235
12.7	Enumerations and flags	237
12.8	Extending Qt classes from R	237
	Defining a class	238
	Defining methods	238
	Defining signals and slots	239
	Defining properties	240
12.9	QWidget basics	243
	Fonts	244
	Styles	245
12.10	Importing a GUI from QtDesigner	247

13 Qt: Layout Managers and Containers	249
13.1 Layout basics	251
Adding and manipulating child components	251
Size and space negotiation	252
13.2 Box layouts	254
13.3 Grid layouts	255
13.4 Form layouts	257
13.5 Frames	258
13.6 Separators	258
13.7 Notebooks	258
13.8 Scroll areas	261
13.9 Paned windows	262
14 Qt: Widgets	263
14.1 Dialogs	263
Message dialogs	263
Input dialogs	266
Button boxes	267
Custom dialogs	268
Wizards	270
File- and directory-choosing dialogs	270
Other choosers	272
14.2 Labels	272
14.3 Buttons	272
Icons and pixmaps	273
14.4 Checkboxes	274
Groups of checkboxes	274
14.5 Radio groups	276
14.6 Combo boxes	277
14.7 Sliders and spin boxes	279
Sliders	279
Spin boxes	280
14.8 Single-line text	281
Completion	282
Masks and validation	282
14.9 QWebView widget	286
14.10 Embedding R graphics	288
14.11 Drag-and-drop	288
Initiating a drag	289
Handling a drop	289
15 Qt: Widgets Using Data Models	293
15.1 Displaying tabular data	293
Displaying an R data frame	293

	Memory management	295
	Formatting cells	296
	Column sizing	296
15.2	Displaying lists	298
15.3	Model-based combo boxes	299
15.4	Accessing item models	299
15.5	Item selection	300
	Accessing the selection	301
	Responding to selection changes	302
	Assigning the selection	302
15.6	Sorting and filtering	303
15.7	Decorating items	304
15.8	Displaying hierarchical data	307
15.9	User editing of data models	311
15.10	Drag-and-drop in item views	312
15.11	Widgets with internal models	318
	Displaying short, simple lists	318
15.12	Implementing custom models	321
15.13	Implementing custom views	325
15.14	Viewing and editing text documents	329
16	Qt: Application Windows	335
16.1	Actions	336
16.2	Menu bars	338
16.3	Context menus	339
16.4	Toolbars	340
16.5	Status bars	341
16.6	Dockable widgets	342
IV	The tcltk Package	343
17	Tcl/Tk: Overview	345
17.1	A first example	346
17.2	Interacting with Tcl	347
17.3	Constructors	350
	The tkwidget function	352
	Geometry managers	352
	Tcl variables	353
	Commands	354
	Themes	354
	Window properties and state: tkwininfo	356
	Colors and fonts	357
	Images	359

17.4	Events and callbacks	360
	The tag	361
	Events	361
	Callbacks	363
	Percent substitutions	364
18	Tcl/Tk: Layout and Containers	369
18.1	Top-level windows	369
18.2	Frames	372
	Label frames	372
18.3	Geometry managers	372
	Pack	373
	Grid	380
18.4	Other containers	385
	Paned windows	385
	Notebooks	386
19	Tcl/Tk: Dialogs and Widgets	389
19.1	Dialogs	389
	Modal dialogs	389
	File and directory selection	390
	Choosing a color	391
19.2	Selection widgets	392
	Check buttons	392
	Radio buttons	394
	Entry widgets	395
	Combo boxes	400
	Scale widgets	402
	Spin boxes	404
20	Tcl/Tk: Text, Tree, and Canvas Widgets	409
20.1	Scroll bars	409
20.2	Multiline text widgets	410
20.3	Menus	415
20.4	Treeview widget	420
	Rectangular data	420
	Editable tables of data	436
	Hierarchical data	436
20.5	Canvas widget	440
	Concept index	447
	Class and method index	449