# Index


**A**

actions and callbacks for widgets, 21
actions and events in Tcl Motif, 34
add a timer to Tcl Motif, 25
add input handler to Tcl Motif, 24
application resources in Tcl Motif, 24
ApplicationShell resources, 45
audience type, xiii
automatic execution of Tcl scripts, 16

**B**

backslash substitution in Tcl, 5
bibliographic information, xiv
Boolean types in Tcl Motif, 28
Bourne shell and Tcl, 3
braces in Tcl, 4
brackets in Tcl, 5
buffed Motif style, 18

**C**

C++ classes and Tcl, 97
callActionProc, 35
call and init for dlopen, 99
callbacks for text widgets, 54
callbacks in Tcl Motif, 30
callback substitution, 31
classes of Motif widgets, 21
command separators, 4
command substitution, 5
command terminators, 4
comments in Tcl, 6
comp.lang.tcl, xiv
content overview, xiii
Core class in Tcl Motif, 36
creating a widget class, 19
C shell and Tcl, 3

**D**

data types in Tcl, 3
dimensions in Tcl Motif, 28
dlopen call, 98
dollar signs in Tcl, 5
double quotes in Tcl, 4
drag and drop in Tcl Motif, 81
dynamic shared object, 98

**E**

enhanced Motif style, 18
evaluation of Tcl commands, 4
events and actions in Tcl Motif, 34
expectk, expect with Tk widgets, 9

expect remote control program, 1, 8
extended Tcl, TclX, 1, 7
extension packages for Tcl, 3
extensions for Tcl, finding, 97

**F**

font list in Tcl Motif, 29
font resources in Tcl Motif, 29

**G**

GLXAux library, 10
glxwin procedure, 10
group YP map, 12

**H**

header files in sgitcl.dev, 97
hosts YP map, 12

**I**

incrTcl, object-oriented Tcl, 9
init and call for dlopen, 99
installing SGITCL option, 2
integer types in Tcl Motif, 28
intended audience, xiii
Internet resources, xiv
itcl library for incrTcl, 10

**M**

mainLoop, 17, 24
methods for Motif widgets, 20
moat Tcl Motif shell, 1, 8, 9, 16

**N**

networks YP map, 12
NIS maps and sautil, 12

**O**

object-oriented incrTcl, 9
objectserver support, 11
ORACLE database access, oratcl, 10
overview of contents, xiii

**P**

passwd YP map, 12
pixmap resources in Tcl Motif, 30
Primitive class in Tcl Motif, 39
procedures in Tcl, 4
protocols YP map, 12

**R**

radio buttons in Tcl Motif, 58
reading more about Tcl, xiv
realizeWidget, 17
recursive substitutions in Tcl, 6
releases of Tcl, finding, 97
resource inheritance in Tcl Motif, 26
resources for Motif widgets, 20
root widget (dot) in Tcl Motif, 24
rstat library interface to rstatd, 11

## S

sautil library for YP maps, 12
semantic rules of Tcl, 4
send primitive in Tcl Motif, 83
services YP map, 12
sgiHelp library, 13
SGITCL and Tcl, 1
sgitcl command, 4
sgitcl.dev product image, 2, 97
sgitcl.eoe product image, 2
SGm custom widgets, 14
shared library, 98
Shell classes in Tcl Motif, 42
sliders in Tcl Motif, 67
SNMP support in SGITCL, 13
string types in Tcl Motif, 28
Sybase database support, sybtcl, 10
syntax features of Tcl, 3, 4

## T

Tcl_AppInit routine, 98
Tcl_CreateCommand routine, 99
Tcl and SGITCL, 1
Tcl Motif toolkit, Tm, 1, 8, 15
tclObjSrv library, 11
tclsh command, 4
TclX, extended Tcl, 1, 7
Tk GUI toolkit, 1, 8
Tm, Tcl Motif toolkit, 1, 8, 15
TopLevelShell resources, 44
TransientShell resources, 45
translations for Motif widgets, 21
typographic conventions, xiv

## U

Usenet newsgroup, xiv

## V

variable substitution, 5
VendorShell resources, 44
versions of Tcl components, 2
ViewKit help support, 13

## W

Web browser help, 13
Web pages about Tcl, xiv, 97
widget hierarchy and naming, 18
widget path names, 19
wishx windowing shell, 1, 8, 9
WMShell resources, 42
word boundaries after substitution, 6
word separators, 4
wwwHelp library, 13

## X

X defaults mechanism, 27
xmArrowButton widget, 57
xmBulletinBoard widget, 73
xmCascadeButton widget, 93
xmCommand widget, 83
xmDrawingArea widget, 85
xmDrawnButton widget, 85
xmErrorDialog widget, 94
xmFileSelectionBox widget, 92
xmForm widget, 78

xmFrame widget, 61
xmInformationDialog widget, 94
xmLabel widget, 46
xmList widget, 63
xmMainWindow widget, 87
xmManager abstract class, 72
xmMenuBar widget, 93
xmMessageBox widget, 88
xmMessageDialog widget, 94
xmPanedWindow widget, 79
xmPromptDialog widget, 94
xmPulldownMenu widget, 93
xmPushButton widget, 56
xmQuestionDialog widget, 94
xmRowColumn widget, 74
xmScale widget, 67
xmScrollBar widget, 69
xmScrolledList widget, 63
xmScrolledText widget, 49
xmSelectionBox widget, 91
xmSeparator widget, 61
xmTextField widget, 49
xmText widget, 49
xmToggleButton widget, 58
xmWarningDialog widget, 94
xmWorkingDialog widget, 94
xtAppInitialize, 16, 24

## Y

YP maps and sautil, 12