Index

Symbols

`.guidedefaults` file, 54
`.Xdefaults` file, 54

A

abbreviated menu button, 138, 147
    Devguide's, 8, 30
about this book
    chapter organization, xx
    font conventions, xxi to xxii
    prerequisite reading, xxi
    required knowledge, xxi
Accept Cursor
    Drop Targets, 179
action, for a connection, 85
adding Devguide to ProWorks Manager, 201
adding elements to interface, 54 to 59
ADJUST
    with two-button mouse, xviii
ADJUST function, xviii
adjusted selection, 58
alert_qmark error, 202
Alphanumeric Text Fields, 154
    glyph, 12
Alt key
    use for Meta key, xviii
anchoring elements in a group, example, 81
anchors
    problems, 204
Anchors, for Groups, 80
ANSI C, 188
    default, 200
Apply
    Base Windows, 113
    button, 19, 23
    Buttons, 139
    Canvas Panes, 127
    Control Areas, 122
    Drop Targets, 181
    Gauges, 167
    Messages, 143
    Pop-up Windows, 117
    Scrolling Lists, 174
    Settings, 151
    Sliders, 162
    Term Panes, 131
    Text Fields, 156
    Text Panes, 135
Arrange menu button, 9, 41 to 46
arranging elements, 41 to 46
assembling interfaces into a project, 87 to 99

B

Background
  Base Windows, 112
  Canvas Panes, 127
  Control Areas, 121
  Pop-up Windows, 116
  Term Panes, 131
  Text Panes, 134
background color, 63
Base Windows, 10, 14, 108 to 113
  Apply, 113
  Background, 112
  Connections button, 112
  dragging, 15
  Footer, 16, 110
  Foreground, 112
  glyph, 10, 14
  Icon, 111
  Icon Label, 111
  Icon Mask, 111
  Icon Type, 111
  Initial State, 112
  Label, 110
  labeling, 17
  Object Name, 110
  placing, 14
  property window, 17
  Rectangle, 110
  Reset, 113
  scrolling list, 18
  Size, 110
  Window Parent, 110
`bin` subdirectory, 183
bold labels
  Golit labels not bold, 208
bounding box, 59
  for Groups, 75
Bourne shell, 5
bugs
  Devguide, 207
  Golit, 208
  GXV, 207
  installation, 206
Build mode, 25, 49, 107
building
  the interface, 49
Busy Glyph
  Drop Targets, 178
button menu, 65
Button Width Is
  Buttons, 138
Buttons, 11, 136 to 140
  abbreviated menu button, 138
  Apply, 139
  Button Width Is, 138
  changing the label, 23
  Color, 139
  Connections button, 139
  glyph, 11
  Help Text button, 139
  Initial State, 138
  Label, 137
  Label Is, 137
  Location, 137
  Menu, 138
  Object Name, 137
  placing the glyph, 16
  Reset, 140
  Type, 138

C

C shell, 4
Canvas Panes, 11, 123 to 128
  Apply, 127
  Background, 127
  Connections button, 127
  Default Drop Site, 126
  Drawing Model, 125
  Foreground, 127
  glyph, 11
  Help Text button, 127
  Initial State, 126
  Menu, 126
  Object Name, 125
  Rectangle, 125
  Reset, 128
  ScrollBars, 125
changes

Devguide, 203
GNT, 204
Checkbox Settings, 147
glyph, 11
Choice
Scrolling Lists, 171
Settings, 147
Choices
Scrolling Lists, 171
choosing
a color, 63 to 65
a toolkit, 6, 53
code generator
for OLIT, 1
for XView, 1
Code Generator Tool
how to use, 101
main window, 101
using the File... Button, 102
using the Properties... Button, 102
code generator tool, 200
Color
Buttons, 139
Drop Targets, 180
Gauges, 167
Menus, 72
Messages, 143
Scrolling Lists, 172
Setting Items, 150
Settings, 148
Sliders, 162
Text Fields, 155
color
background, 63
choosing, 63 to 65
foreground, 63
Color Chooser window, 64
Columns
Menus, 69
Settings, 147
command menu, 69
compatibility
Solaris 2.x, 199
compile problems with Devguide 3.0
apps, 201
compiling object code, 27
Connections, 81 to 87
and objects in different interface files, 87
attaching menu to UI element, 87
button
Base Windows, 112
Buttons, 139
Canvas Panes, 127
Control Areas, 121
Drop Targets, 180
Gauges, 167
Messages, 143
Pop-up Windows, 117
Scrolling Lists, 173
Setting Items, 150
Settings, 148
Sliders, 162
Term Panes, 131
Text Fields, 155
Text Panes, 135
choosing a source, 83 to 84
choosing a target, 84
choosing an action, 85
choosing an event, 84
tying pop-up window to button, 86
Control Areas, 11, 118 to 122
aligning controls, 122
Apply, 122
Background, 121
Connections button, 121
Foreground, 121
glyph, 11, 15
Help Text button, 121
Initial State, 120
Menu, 121
Object Name, 119
placing, 15
Rectangle, 120
Reset, 122
Show Border, 120
sizing, 16
controls
aligning in a control area, 122

Devguide's, 31 to 51
placing, 16
conversion, Motif, xviii
copying UI elements, 40, 98
Create Button
Menus, 68
creating
groups, 75
menus, 68
customizing Devguide's properties, 52 to 54
cutting UI elements, 40, 57, 98

D

Default Drop Site
Canvas Panes, 126
Drop Targets, 178
Scrolling Lists, 172
default menu item, 72
deleting UI elements, 41
demo directory
contains GNT code generator, 204
`demo` subdirectory, 183
deselecting UI elements, 58
Devguide
adding to ProWorks Manager, 201
and toolkit code generators, 1
ANSI C is default code, 200
base window, 8
bugs, 207
changes from previous release, 203
compatibility with Solaris 2.x, 199
controls, 9 to 10, 31 to 51
Arrange menu button, 9, 41 to 46
Drag and Drop Target, 10, 50
Edit menu button, 9, 39 to 41
File menu button, 9, 31 to 38
Interface Setting, 9, 49 to 50
Properties menu button, 9, 46 to 49
View menu button, 9, 38 to 39
element glyphs, 10 to 12
Alphanumeric text fields, 12
Base Windows, 10
Buttons, 11
Canvas Panes, 11
Checkbox settings, 11
Control Areas, 11
Drop Targets, 12
Exclusive settings, 11
Gauges, 12
Messages, 11
Numeric text fields, 12
Pop-up Windows, 10
Scrolling Lists, 12
Sliders, 11
Stack settings, 11
Term Panes, 11
Text Panes, 11
element information, 12 to 13, 51 to 52
Element field, 13, 51 to 52
Pointer field, 13, 52
Position field, 13, 52
Size field, 13, 52
files provided with, 183 to 185
getting started with, 3
GIL file compatibility, 200
installation, xix, 3
known problems, 204
meaning of name, xvii
new features, 200
preparing interfaces, 88
Properties window, 6, 52 to 54
quitting, 7, 26
release notes, xx
release sequence, 199
start-up, 6
the palette, 8
`devguide` command, 6
Devguide window
abbreviated menu button, 30
controls, 9 to 10
element glyphs, 10 to 12
element information, 12 to 13
parts of, 8 to 13
directory
storing files in one, 88
display slider value, 160

doc subdirectory, 185
documentation, in doc subdirectory, 185
drag and drop
change from previous release, 203
known problems, 204
Drag and Drop Target, Devguide's, 50
Drag Cursor
Drop Targets, 179
Drag Type
Drop Targets, 178
Drawing Model
Canvas Panes, 125
Drop Targets, 12, 175 to 181
Accept Cursor, 179
Apply, 181
Busy Glyph, 178
Color, 180
Connections button, 180
Default Drop Site, 178
Drag Cursor, 179
Drag Type, 178
glyph, 12
Help Text button, 180
Hot Spot, 179
Initial State, 180
Label, 177
Label Is, 177
Location, 177
Normal Glyph, 178
Object Name, 177
Reset, 181

E

Edit Button
Menu items, 71
Menus, 68
Scrolling List choices, 173
Setting choices, 149
Edit menu button, 9, 39 to 41
editing
interfaces, 39 to 41
menus, 68
UI elements, 17
using property windows, 46 to 49
Element field, 13, 51 to 52
elements
copying, 40, 98
cutting, 40, 98
deleting, 41
editing, 17
extended selection, 58
glyphs, 54
multiple selection, 58
naming conventions, 2
pasting, 40, 98
placing, 54
selecting and deselecting, 58
UI, 8
unsupported, 209
End Boxes
Slider, 160
environment variables, 3
event, for a connection, 84
exclusive
menu, 69
scrolling list, 171
setting, 147
Exclusive Settings, 147
adding items, 20
glyph, 11
placing the glyph, 16
extended selection, 58

F

F1 Key for Help, xix
features
Golit, 203
new for GXV, 202
Field Length
Text Fields, 154
file chooser, 32
File Manager
using to start Devguide, 6
File menu button, 9, 31 to 38
files, provided with Devguide, 183 to 185
Footer

Base Windows, 16, 110
Pop-up Windows, 115
Foreground
Base Windows, 112
Canvas Panes, 127
Control Areas, 121
Pop-up Windows, 116
Term Panes, 130
Text Panes, 134
foreground color, 63

G

Gauges, 12, 163 to 168
Apply, 167
Color, 167
Connections button, 167
glyph, 12
Help Text button, 167
Initial State, 166
Initial Value, 166
Label, 165
Label Is, 165
Location, 165
Object Name, 165
Orientation, 165
Range, 166
Reset, 168
Tick String, 166
Ticks, 166
generating source code, 27
GIL file, 26
directory for application, 88
overwriting, 37
separate windows, 88
using drag and drop to load, 10
GIL files
compatibility with previous releases, 200
`gil_syntax.doc` file, 185
Glyph
Scrolling List items, 174
glyph label, 72, 137, 142, 146, 150, 153, 159, 165, 170, 177
glyphs
file format, 61
placing on the workspace, 54
GNT
changes from previous release, 204
code generator in demo directory, 204
features not implemented, 210
interface with Devguide, 1
problems, 206
GOLIT, 1, 3, 27
interface with Devguide, 1
Golit
bugs, 208
features not implemented, 208
Help not supported, 209
-i flag (international), 203
-k flag (K&R C code), 203
labels not bold, 208
new features, 203
problem with stubs-file merging, 205
-r flag (resources), 203
-sb flag (Source Browser), 203
grid default setting, 54
grid, placement, 44
Groups, 75 to 81
Anchors, 80
bounding box, 75
creating, 75
editing properties, 76 to 81
Horizontal alignment, 79
Layout, 78 to 79
modifying and ungrouping, 76
Object Name, 78
property window, 77
Vertical alignment, 80
groups
known problems, 204
`GUIDEHOME`, 3, 5
GXV, 1, 3, 27
bugs, 207
compile problem with 3.0 app, 201
interface with Devguide, 1
-k option (K&R C code), 203

new command-line options, 202
new features, 202
problem with Help-? option, 206
problem with stubs-file merging, 205
problems, 205
-sb flag, 203
XVPS library problems, 205
`gxv` command, 27
GXV merging
problems, 205

H

handling events using connections, 81 to 87
Help
Editor window, 49, 61
Golit not support, 209
key, 13
window, containing help text, 13
Help files
problem for projects, 206
Help key
F1, xix
help text
editing, 61 to 63
Help Text button, 61
Buttons, 139
Canvas Panes, 127
Control Areas, 121
Drop Targets, 180
Gauges, 167
Messages, 143
Scrolling List items, 172
Settings Scrolling List, 148
Sliders, 162
Term Panes, 131
Text Fields, 156
Text Panes, 134
help, on-line, 13
Help-?
problem if run in C shell, 206
`HELPPATH`, 3, 4, 5
home directory, 4
horizontal
gauge, 165
slider, 160
Horizontal, Groups alignment, 79
Hot Spot
Drop Targets, 179

I

Icon
Base Windows, 111
icon file format, 61
Icon Label
Base Windows, 111
Icon Mask
Base Windows, 111
Icon Type
Base Windows, 111
`include` subdirectory, 184
information area, Devguide's, 51 to 52
Initial State
Sliders, 161
Initial state
Base Windows, 112
Buttons, 138
Canvas Panes, 126
Control Areas, 120
Drop Targets, 180
Gauges, 166
Messages, 142
Pop-up Windows, 116
Scrolling Lists, 171
Settings, 148
Term Panes, 130
Text Fields, 155
Text Panes, 134
Initial Value
Gauges, 166
Sliders, 161
Text Fields, 155
input allowed
Scrolling Lists, 171
Text Fields, 155
Text Panes, 134

Insert Button
Menu Items, 71
Scrolling Lists, 173
Setting Items, 22, 149
installation
no links for doc and man, 206
Installation manual, xix
Interface Browser, 93 to 99
dragging objects between windows, 99
Edit menu button, 97 to 99
Interface menu button, 95 to 96
View menu button, 96 to 97
window, 95
window's pop-up menu, 99
Interface Setting, 9, 49 to 50
interfaces
building, 49
creating, 10, 88
element naming conventions, 2
saving, 25 to 26
testing, 24 to 25, 49
Item Is
Menus, 72
Scrolling List choices, 174
Setting choices, 150
items
adding to a Scrolling List, 173 to 174
adding to a setting, 148 to 149
adding to Menus, 70 to 73
adding to Scrolling Lists, 173 to 174
default, 150
Edit Button, 149, 173
initially selected, 150, 174
Insert Button, 149, 173
label glyph, 174
within a menu, 66

K

keyboard
no Meta key, xviii
use Alt key for Meta key, xviii
Korn shell, 5

L

Label
Base Windows, 110
Buttons, 137
Drop Targets, 177
Gauges, 165
Menu items, 71
Messages, 142
Pop-up Windows, 115
Scrolling List items, 174
Scrolling Lists, 170
Setting item, 149
Settings, 146
Sliders, 159
Text Fields, 153
Label Font
Messages, 142
Label Is
Buttons, 137
Drop Targets, 177
Gauges, 165
Menu items, 72
Messages, 142
Scrolling Lists, 170
Setting items, 150
Settings, 146
Sliders, 159
Text Fields, 153
labels
Golit labels not bold, 208
Layers of Panes, 99 to 101
layered panes, 99
Layout, for Groups, 78 to 79
`lib` subdirectory, 184
`libguide.a` library, 184
`libguidexv.a` library, 184
libraries, containing C modules, 184
limits for numeric values, 154
loading GIL files
using Project Organizer, 93
with drag and drop, 50
Location
Buttons, 137

Drop Targets, 177
Gauges, 165
Messages, 142
Scrolling Lists, 170
Settings, 146
Sliders, 159
Text Fields, 153
location of object, 120, 125, 130, 133, 177

M

`man` pages, 185
`man` subdirectory, 185
`MANPATH`, 185
manual
prerequisite reading, xxi
required knowledge, xxi
Menu
Buttons, 138
Canvas Panes, 126
Control Areas, 121
Scrolling Lists, 172
Menu Editor window, 67
Menu Is
Menus, 70
Menus, 65 to 74
abbreviated menu button, 138
attaching to elements, 74
button, 65
Color, 72
Columns, 69
command, 69
Create Button, 68
default item, 72
detaching from elements, 74
Edit Button, 68, 71
exclusive, 69
Insert Button, 71
Item Is, 72
Label, 71
Label is, 72
making and editing, 65 to 74
Menu Editor window, 67
Menu Is, 70
nonexclusive, 69
Object Name, 69
opening the Menu Editor window, 49
pinnable, 70
pop-up, 65
Submenu, 73
Title, 69
types, 69
viewing contents of, 74
menus
problems, 205
merging stubs.c files
problems if app built with Devguide 3.0, 201
Messages, 11, 140 to 144
Apply, 143
Color, 143
Connections button, 143
glyph, 11
Help Text button, 143
Initial State, 142
Label, 142
Label Font, 142
Label Is, 142
Location, 142
Object Name, 141
Reset, 143
Meta key
use Alt key, xviii
mode
Build, 49, 107
Test, 50, 107
modifying Groups, 76
Motif conversion utilities, xviii
mouse
two or three button, xviii
mouse functions
ADJUST, MENU, SELECT, xviii
moving
menus, 68
UI elements, 56
multiline text field display
problems, 205
Multiline Text Fields, 154
setting number of rows, 154

N

new Devguide features, 200
new features
  Golit, 203
new GXV features, 202
nonexclusive
  menu, 69
  scrolling list, 171
  setting, 147
  setting item, 22
Normal Glyph
  Drop Targets, 178
Notify Handler
  attaching an XView, 87
Numeric Text Fields, 154
  glyph, 12

O

Object Name
  Base Windows, 110
  Buttons, 137
  Canvas Panes, 125
  Control Areas, 119
  Drop Targets, 177
  Gauges, 165
  Groups, 78
  Menus, 69
  Messages, 141
  Pop-up Windows, 115
  Scrolling Lists, 170
  Settings, 146
  Sliders, 159
  Term Panes, 129
  Text Fields, 153
  Text Panes, 133
OLIT, 1
  code generator for, 1
on-line help, 13
OPEN LOOK, 1
  user interface, xxi
OPEN LOOK Intrinsics Toolkit, 1
  code generator for, 1
opening property windows, 60
Operation
  Scrolling Lists, 171
  Text Fields, 155
  Text Panes, 134
Orientation
  Gauges, 165
  Sliders, 160

P

palette
  Devguide's, 8, 10 to 12
panes
  sizing, 55
  tiling, 55
pasting UI elements, 40, 57, 98
`PATH`, 3, 6
pinnable menus, 70
placement grid, 44
placing UI elements, 54
Pointer field, 13, 52
pop-up menu, 65
Pop-up Windows, 10, 113 to 118
  Apply, 117
  Background, 116
  Connections button, 117
  dismissing, 117
  Footer, 115
  Foreground, 116
  glyph, 10
  Initial State, 116
  Label, 115
  Object Name, 115
  property window, 114
  Pushpin, 116
  recalling, 118
  Rectangle, 115
  Reset, 117
  setting appearance location, 118
  Size, 115
  tying to other elements, 118
  Window Parent, 115
porting applications from 3.0 to 3.0.1, 187
  example, 188

porting hints, 189
system calls, 192
porting hints, 189
Position field, 13, 52
problems
Devguide, 204
drag and drop targets, 204
GNT, 206
groups, 204
groups and anchors, 204
GXV and Golit stubs-file merging, 205
GXV and GXV++, 205
GXV merging, 205
sharing menus, 205
XVPS library, 205
Project Organizer, 88 to 93
dropping a file, 93
Interface menu button, 91 to 93
Project menu button, 90 to 91
window, 89
window's pop-up menu, 93
`project_syntax.doc` file, 185
Projects, 87 to 99
saving, 91
projects
problem generating Help files, 206
Properties menu, 17, 47
Properties menu button, 9, 17, 46 to 49
property window
Base Windows, 109
Buttons, 136
Canvas Panes, 124
Connections Manager, 83
Control Areas, 119
Devguide's, 52 to 54
Drop Targets, 176
Gauges, 164
Groups, 77
Menus, 67
Messages, 141
opening, 17
Pop-up Windows, 114
Scrolling Lists, 169
Settings, 145
Sliders, 158
Term Panes, 129
Text Fields, 152
Text Panes, 132
property windows
opening, 60
ProWorks
accessing Devguide, 201
adding Devguide, 201
alert_qmark error, 202
Source Browser, 203
Pushpin
for property windows, 20, 23
Pop-up Windows, 116

Q

quitting Devguide, 7, 26

R

Range
Gauges, 166
Sliders, 160
Text Fields, 154
recommended reading, xxi
Rectangle
Base Windows, 110
Canvas Panes, 125
Control Areas, 120
Pop-up Windows, 115
Term Panes, 130
Text Panes, 133
release notes, xx
release sequence, 199
removing UI elements, 41
require choice in
Scrolling Lists, 171
Settings, 147
Reset
Base Windows, 113
Buttons, 140
Canvas Panes, 128
Control Areas, 122

Drop Targets, 181
Gauges, 168
Messages, 143
Pop-up Windows, 117
Scrolling Lists, 175
Settings, 151
Sliders, 162
Term Panes, 131
Text Fields, 156
Text Panes, 135
Rows
Scrolling Lists, 171
Settings, 147
Text Fields, 154

S

Save window, 25
saving
an interface, 25 to 26
projects, 91
ScrollBars
Canvas Panes, 125
Scrolling Lists, 12, 168 to 175
Apply, 174
Choice, 171
Choices, 171
Color, 172
Connections button, 173
Default Drop Site, 172
Edit Button, 173
exclusive, 171
Glyph, 174
glyph, 12
Help Text button, 172
Initial State, 171
Insert Button, 173
Item Is, 174
Label, 170, 174
Label Is, 170
Location, 170
Menu, 172
nonexclusive, 171
Object Name, 170
Operation, 171
Reset, 175
Rows, 171
selecting
choices
Settings, 147
items
Scrolling Lists, 171
multiple elements, 58
UI elements, 58
selection
adjusted, 58
extended, 58
Settings, 11, 144 to 151
Apply, 151
check box, 147
Choice, 147
Color, 148, 150
Columns, 147
Connections button, 148, 150
Edit Button, 149
exclusive, 147
Help Text button, 148
Initial State, 148
Insert Button, 149
Item Is, 150
Label, 146, 149
Label Is, 146, 150
Location, 146
nonexclusive, 147
Object Name, 146
property window, 20
Reset, 151
Rows, 147
stack, 147
Type, 147
sharing menus
problems, 205
Show Border
Control Areas, 120
Term Panes, 130
Text Panes, 133
show slider value, 160
Size
adjustable or fixed, 110, 115
Base Windows, 110

of object, 120, 125, 130
Pop-up Windows, 115
size
of object, 133, 177
Size field, 13, 52
sizing windows and panes, 55
Sliders, 11, 157 to 162
Apply, 162
Color, 162
Connections button, 162
End Boxes, 160
glyph, 11
Help Text button, 162
Initial State, 161
Initial Value, 161
Label, 159
Label Is, 159
Location, 159
Object Name, 159
Orientation, 160
Range, 160
Reset, 162
Tick String, 161
Ticks, 161
Value, 160
Value String, 160
Solaris 2.0, xxi
Source Browser
ProWorks, 203
source, of a connection, 83 to 84
`src` subdirectory, 185
stack, 147
Stack settings
glyph, 11
starting Devguide, 6
Stored Length
Text Fields, 154
stubs file
problems merging (GXV and Golit), 205
Submenu
Menus, 73
submenus, 73
SunOS, xxi

T

target, of a connection, 84
Term Panes, 11, 128 to 131
Apply, 131
Background, 131
Connections button, 131
Foreground, 130
glyph, 11
Help Text button, 131
Initial State, 130
Object Name, 129
Rectangle, 130
Reset, 131
Show Border, 130
terminology distinctions
UI element vs. Devguide control, 8
Test mode, 24, 50, 107
testing the interface, 49
text editor, 4
Text Fields, 12, 151 to 156
alphanumeric, 154
Apply, 156
Color, 155
Connections button, 155
Field Length, 154
Help Text button, 156
Initial State, 155
Initial Value, 155
Label, 153
Label Is, 153
Location, 153
multiline, 154
numeric, 154
Object Name, 153
Operation, 155
Range, 154
Reset, 156
Rows, 154
Stored Length, 154
Underline, 154
Text Panes, 11, 132 to 135
Apply, 135

Background, 134
Connections button, 135
Foreground, 134
glyph, 11
Help Text button, 134
Initial State, 134
Object Name, 133
Operation, 134
Rectangle, 133
Reset, 135
Show Border, 133
tick marks, 161, 166
Tick String
Gauges, 166
Sliders, 161
Ticks
Gauges, 166
Sliders, 161
tiling panes, 55
Title
Menus, 69
TNT, 204
toolkits
`.config` files, 184
choosing, 6, 53
that work with Devguide, 1
two-button mouse, xviii
Type
Buttons, 138
Settings, 147

U

UI
element, 8
UI elements
unsupported, 209
Underline
Text Fields, 154
Undo item, 40, 98
undoing editing actions, 40, 98
ungrouping Groups, 76
UNIX, xxi
unsaved edits, 7
unsupported UI elements, 209
user input allowed
Scrolling Lists, 171
Text Fields, 155
Text Panes, 134

V

Value
Sliders, 160
Value String
Sliders, 160
vertical
gauge, 165
slider, 160
Vertical, Groups alignment, 80
View menu button, 9, 38 to 39
viewing
layers, windows, interfaces, 38 to 39

W

width of button, 138
Window menu, 30
Window Parent
Base Windows, 110
Pop-up Windows, 115
windows
sizing, 55
working with files, 31 to 38

X

XView, 1
code generator, 1
multiline text field display problem, 205
Notify Handlers, 87
the default toolkit choice, 7
XVPS library
problems, 205