

Index

- abstract command, 63, 65
- abstract command's priority, 66
- abstract command's type, 65
- accelerators, 17
- alert types, 74
- alerts, 73
- application hierarchy, 125
- application management, 75

- Bluetooth, 112
- Brew, 5, 8, 9, 13, 31
- buttons, 64

- canvases, 74
- CDMA, 2, 8, 31, 59
- choice groups, 70
- cHTML, 6, 133
- CLDC, 56
- composite multimodal interaction, 87
- configurations, 56
- connectivity, 59
- constraints, 73
- consumer characteristics, 60
- context awareness, 132
- context-sensitive forms, 68
- contextual information, 87
- create a mock-up, 62
- custom items, 72
- customization, 110, 129

- date-time field, 71
- degrees of multimodality, 87
- demographic segmentation, 4
- derive application flow, 62
- dialog, 33, 36, 38, 41–46, 49, 53, 81, 90–92, 94, 96, 101, 105
- dialogue, 80, 81, 85
- downloaded applications, 6, 11

- emulators, 132

- feature shedding, 110, 122
- file formats, 12, 27
- form items, 69
- form layout, 68, 70
- form pages, 117
- forms, 68

- 3G, 130
- game API, 58
- game canvases, 74
- gauges, 71
- graphical user interface, 83
- GSM, 2, 8, 30, 31, 59

- help, 22, 30, 39, 40, 42, 43, 48, 50, 53, 66
- high-level user interface components, 67
- HTML, 6, 25, 80, 83, 87, 89, 90, 96, 101, 104, 106, 133

- icons, 11, 17, 20, 75, 116
- identifying the tasks, 61
- input field, 2, 14, 16, 17, 19, 28, 96, 104, 105
- input methods, 14, 17, 21, 28, 57, 110, 124
- input modes, 15, 17, 21, 28, 80, 87, 91
- interaction state, 94
- intermittent interaction, 113
- interoperability, 2, 93
- item-specific abstract commands, 64

- Java™ 2 Platform, Micro Edition (J2ME™), 55

- key mapping, 12, 13

- label-data display pages, 114
- labels, 65
- layout directives, 68

- lists, 73
- local area wireless networks, 130
- localization, 17, 20, 28, 95
- log in, 30, 35
- login, 30
- low-level user interface components, 74

- map the tasks, 61
- media formats, 7, 10, 27
- MIDP application, 61
- MIDP device requirements, 60
- MIDP features, 57
- mobile information device profile (MIDP), 9, 55–69, 72, 74–76
- mobile media API, 59
- modifiers, 73
- multimodal interaction, 80
- multimodal synchronization, 88
- multitasking, 113

- name of your application, 76
- native applications, 7, 9, 13, 14, 28
- navigation model, 124
- network access, 6, 9, 22, 23
- network connection, 20, 22, 24, 56
- network resources, 6, 22

- open mobile alliance (OMA), 5
- optional packages, 57
- over-the-air provisioning, 59

- paired commands, 66
- password, 30, 37, 47
- predictable, 60
- profiles, 56
- progressive disclosure, 118

- screen size, 11, 12, 20, 27, 110, 114, 124
- screens, 58, 61
- scrolling, 15–17, 20, 58, 65, 67, 72, 116–119

- security, 59
- sequential multimodal interaction, 87
- series 60, 8
- simultaneous multimodal interaction, 87
- size issues, 76
- SMS multimodality, 87
- social interaction, 113
- softkeys, 13–17
- speech application language tags (SALT), 90
- speech recognition, ix, 33–39, 44, 48, 49, 51, 79, 85, 90, 105
- status indicators, 14, 17, 20
- string and image items, 71

- tabular display pages, 116
- TDMA, 2
- text boxes, 73
- text fields, 70
- text input, viii, 10, 13, 15, 17, 84, 85, 100, 133, 147

- ubiquitous computing, 111
- unimodal interaction, 87
- usability testing, 132
- using abstract commands, 63, 69

- voice user interfaces, ix, 33, 37, 38, 51, 53, 85
- VoiceXML, 85

- WAP, 5, 10, 11, 25, 33, 84, 87, 132, 150
- WiFi, 112
- WML, 6, 10, 25, 84, 87, 91, 98, 106, 133

- XHTML, 6, 10, 25, 83, 90, 91, 96, 100, 106
- XHTML + VoiceXML, 91