

Index

A

- Access privilege, 66
- ACCOUNTFROM and ACCOUNTTO
 - column attributes, 291
- Accounting
 - analysis, financial information, 4
 - Cloud Accountant general ledger project, 6–7
 - general ledger system, 5–6
 - profitable organization, 4
 - suppliers, 4
 - systems, 4
 - tasks, 4
- Accounts table, 283
- Add dynamic action, cost center, 97
- Ajax Callback processes, 304–305
- APEX Accounts scheme, 7
- API, 176
- Application-building process
 - company setup, 18–19
 - page creation, 18–19
 - tables, creation, 17
- Authentication, reset password, 83–84
- Authorization schemes
 - application pages, 330
 - buttons, 331–332
 - main menu, 325–328
 - test buttons, 333
 - test menu, 328–329
 - test page, 331

B

- Balance Sheet, 283
 - financial statements, 295
- Bank reconciliation
 - definition, 223
 - display transactions, 225–227
 - interactive grid region attributes, 229–230
 - opening form, 227–228
 - page, 230–231
 - page attributes and parameters form, 224–225
- Bank reconciliation report
 - format, 237
 - highlight rule, 237
 - interactive report
 - attributes, 236
 - output, 238
 - parameters form
 - attributes, 234–235
 - PDF version, 238
 - process attributes, 236
 - table creation, 233
- Bank transactions
 - COCODE column, 221
 - creating page, 220
 - opening banks region
 - attributes, 220–221
 - page attributes, 220
 - steps, test, 222

INDEX

Budget allocation
 interactive grid (*see* Interactive grid)
 page, 268–269
 item and button
 attributes, 264–265
 parameters form, 262–263
 process attributes, 267
 table creation, 261

Budget report
 computation attributes, 277
 generation process, 279
 highlight rule, 278
 interactive report attributes, 278
 page attributes, 272–276
 steps, test, 279–281
 table creation, 271

Buttons
 authorization schemes, 332
 user groups, 61

C

Chart of accounts (COA), 125, 219, 223,
 249, 261, 277
 add accounts, 122
 button attributes, 127
 button creation, 120
 delete button, 119
 delete record attributes, 119
 dynamic action module, 111–115
 form page, modify, 108–111
 highlight rule, 120–121
 LOV
 cost center, 106
 nature, 106
 type, 107
 module, 128
 page creation, 107, 126

 report page, modify, 108
 save button, 120
 save record attributes, 118
 transaction level, 105
 validation
 account type, 118
 attributes, 127
 child level, 116
 check in transaction, 117
 check level, 116
 disallow code
 modification, 117
 parent level, 116

Close Dialog process, 75

Cloud computing
 accounting (*see* Accounting)
 application segments, 7–8
 business model, 1
 completed application, 9
 development environment, 7
 IT resources, 2
 public *vs.* private, 2–3
 services, 2
 swift adaptation, 1

Copy COA process, 127–128

Cost and revenue centers
 add button, 95
 create pages
 modified query, 94
 two page attributes, 94
 WHERE clause, 94
 delete processes, 95
 dynamic action, 97
 modified page item, 96
 process
 delete record, 101
 save record, 100
 refresh button attributes, 102

steps, application, 102
 validation (*see* Validation)
 Cost Centers.xls, 102

D

Dashboard table, 311
 Database connection (JasperReport),
 176–179
 DBMS_OBFUSCATION_TOOLKIT
 package, 78
 DECODE function, 156
 Delete record process attributes, 101
 Dynamic action
 false action attributes, 158–159
 static assignment, 158

E

Enterprise resource planning (ERP)
 software, 5
 Executive dashboard
 copy branches, 313
 copy chart regions, 315–319
 copy computations, 313
 copy region, 312
 create region, 314
 create table, 311
 hidden item, 315
 ratio analysis option, 319
 subregion, 314
 Expenses trend attributes, 316

F

Feedback, application
 input form, 324
 modification, page, 322–323

option, 324
 page attributes, 322
 report page, 323–324
 table, 321

Financial statements
 accounts LOV, 284
 accounts table, 283
 Ajax Callback processes, 304–305
 branches, 305–306
 computation attributes, 303–304
 FSACCOUNT column attributes, 308
 Interactive Grid, 290–292
 interactive report region, 301–302
 notes page, 307–308
 page attributes, 285–289, 296–300
 P&L accounts, 294
 reports, 309–310
 steps, test, 293
 table creation, 295
 validations, 291–292
 vouchers, 309

Fiscal year
 branch attributes, 33
 button creation
 delete process, 31
 fetch process, 32
 process attributes, 30
 save process, 31
 values, 29
 creation, 38–39
 dynamic action, 34–35, 37–38
 grid, 25–27
 item values, 27–28
 LOV, 22
 page creation, 23–25
 parameters region, 23–25
 process, 254
 validation attributes, 33

INDEX

FSACCOUNT column
attributes, 291

FTP, 176

G

General ledger system
classification and coding, 5
Cloud Accountant, 6-7
data collection, 5
ERP software, 5
objectives, 5
reporting, 6
validation, 5

GL_USERS, 83

Gross profit ratio attributes, 317

H

Hidden item attributes, 315

Highlight rule, 120

I

Infrastructure as a Service (IaaS), 2

Interactive grid

COACODE attributes, 266-267
region, 135, 138, 290
tabular form region, 265-266

Interactive report

creation, 278
region, 163-165, 199

J, K

JasperReportsIntegration
kit, 173-174, 176

Jasper Studio 6.1, 176

JDBC, 176-178

338

L

Ledger report, 255
format, 200-201
link in interactive
report, 201-202
page and parameters form
attributes, 195-198
parameters, 195
PDF, 201
test, 203-204
voucher page creation, 202-203

Link Builder dialog box, 138

List of values (LOV), 48, 133, 284

M

Menu items and authorization
schemes, 327, 328

Month closure
item and attributes, 246-247
page attributes, 241-243
preventing amendments, 247
process attributes, 245
validation attributes, 244

N

Navigation, application
menu entries, creation
closing menu, 14
first level 1 menu item, 12
instructions, 11
more level 1 menu items, 12
reports menu, 14
setup menu, 13
utilities menu, 13

modify/add navigation bar
entries, 14-15

Net profit ratio chart attributes, 318
 Net Working Capital attributes, 318

O

Opening balance, accounts, 250–251
 Operating profit ratio region, 317–318

Oracle APEX, 334
 applications, 2–3
 dynamic LOV attributes, 189
 parameters form attributes, 189–194
 PDF reports, 176

P

Page access authorization scheme, 326
 Page-rendering process, 168
 Permanent year-end (PYE) process
 page attributes, 256
 process attributes, 258
 segment, 258
 validation attributes, 257
 P&L accounts, 294
 Platform as a Service (PaaS), 2
 PL/SQL block, 30
 PL/SQL function modifications, 248
 Private cloud, 3
 Profit and Loss (P&L) statement, 283
 Public cloud, 2
 vs. private cloud, 3

Q

Quick Ratio attributes, 319

R

Refresh button, 101–102
 Region attributes, 314–315

Reset Password

 authentication scheme, change, 83–84
 CUSTOM_AUTH, 77
 CUSTOM_HASH, 77
 database, 78
 DBMS_CRYPTO package, 78–79
 DBMS_OBFUSCATION_TOOLKIT
 package, 78
 functions category, 78
 GL_USERS, 77
 items and button attributes, 80–81
 interface, 77
 page attributes, 79–80
 update password process, 83
 user ID, 77
 validation attributes, 82
 verification, 78
 Revenue trend attributes, 316

S

Save Interactive Grid process, 292
 Save Record attributes, 100
 Segments, application
 branch attributes, 54
 button attributes, 52
 form attributes, 50
 itemRole column, 47
 list, 54–55
 LOV, 48
 segmentID, 47
 segmentType column, 47
 setup pages, 49
 tree view region attributes, 51
 validation attributes, 53
 Software as a Service (SaaS), 2
 Subregion attributes, 314
 Swift adaptation, 1

INDEX

Switch company, year and month
 add button, 88–89
 application page, 91
 global page attributes, 91
 GL_USERS table, 85
 page attributes, 86–88
 update user profile process, 90
 validations, 89

T

Temporary year-end (TYE) process
 details page, 255
 fiscal year process, 254
 page attributes, 251–253
 process attributes, 254
 revenue and expense accounts, 254
 validation attributes, 253
Test buttons authorization, 333
Test menu authorization, 328–329
Test page authorization, 331
Transactions region, current, 228–230
Transaction search
 interactive report region, 156–158
 page and component
 attributes, 153–155
 results, 159–160
Tree View Region attributes, 51
Trial balance report
 check box attributes, 212–214
 code column link attributes, 215–216
 format, 210–211
 generation process, 209–210
 interactive report region attributes, 209
 LOV attributes, 206
 page and component attributes, 206–209
 PDF, 215
 process attributes, 212–214

test, 216–217
validation attributes, 215

U

Unverified payment voucher, 243–244
User groups
 add button, 68
 add classic report region, 67
 buttons, 61
 delete
 group button, 63
 group process, 63–64
 dynamic action to refresh region, 68
 page and parameters region, 58–61
 privileges, 64, 70
 process, new group, 62
 steps, test, 69
 tree region
 APEX_ESCAPE package, 65
 attributes, 65–66
 pageItemName, 66
User profile Pprocess, 90
Users
 create/modify items, 73–74
 module, 75–76
 page creation, 72
 form page attributes, 72
 modified attributes, 72
 report attributes, 72
 process attributes, 75

V, W

Validation
 check level, 97
 child level check, 99
 disallow code modification, 99–100

- parent level check, 98
- transaction, 99
- Voucher(s)
 - alignment attributes, 141
 - control buttons, 150
 - definition, 41
 - detail page, 138, 140, 150–152
 - dynamic actions, 144–146
 - dynamic LOVs, 133
 - form page, 131
 - hidden item attributes, 136–137
 - item attributes, 140
 - JavaScript code, 144
 - link builder dialog box, 138
 - master page, 135–136
 - page attributes, 134
 - page items, 142–144
 - process modification, 149
 - tables, transaction, 131–133
 - types
 - labels, 45
 - LOV, 41
 - page attributes, 42–43
 - Validation Attributes, 44
 - VCHNATURE Attributes, 43
- validation
 - debit and credit values, 148
 - difference, 147
 - modifications, 142
 - number and date, 147
 - verified and posted status, 148

- Vouchers report
 - Apache Tomcat,
 - installation, 174–175
 - compilation, 188
 - data source, 179–182
 - designing, 183–188
 - network privileges, 175
- Vouchers verification
 - branch attributes, 170
 - button deletions, 167
 - cancel button attributes, 166–167
 - delete processes, 168
 - delete validations, 168
 - link attributes, 165
 - new buttons attributes, 167
 - page and parameters region,
 - 161–163, 166
 - process attributes, 169
 - steps, test, 171–172

X

- XML, 176–177

Y, Z

- Year-end process
 - PYE (*see* Permanent year-end (PYE) process)
 - TYE (*see* Temporary year-end (TYE) process)