

- constructor 154, 271, 332
- control 223-4, 250, 251, 332
- declaration 331
- desirable characteristics 100-1
- domain 223
- entity 223, 250, 331
- generalized 92-5, 129-30
- identifying 55
- instance 88
- library 331
- mapping to tables 237-42
- notation 88-9, 90, 91, 92, 93, 96, 103-4
- parent 93, 341
- relationships 89-96, 128-30
- specialized 92-5
- stereotyped 252
- (user) interface 223, 250-1
- variable 270
- class diagram 15, 117-30, 136-8, 331
 - analysis 138, 250, 252
 - constructing 118-30, 137
 - design 250
 - identifying 119-25
 - implementation 268-72
 - implementing in a relational database 237-42
 - in system development 136-7
- class-responsibility-collaboration (CRC) card
 - 148-51, 170-1, 252, 333
 - notation 149-50
- client 86, 331
- client-server 85, 226, 331
- code
 - for the case study 280-5
- cohesion 77, 100-1, 331
- collaboration 16, 60, 61, 118, 150, 332
- collaboration diagram 162-4, 332, *see also* interaction diagram
- collection class 173, 224, 250, 254, 332
- communication association 49-50, 332
- compiler 332
- component 230, 332
- component diagram 15, 222, 229-31, 244, 332
- composition 103-4, 107, 333
- concurrency 194, 260-1
- concurrent processing 260-1, 332
- conditional behaviour
 - in sequence diagram 258-9
- consistency 132, 164-5, 192
 - in user interface 233
- constraint 260-1, 332
- construction
 - phase in object-oriented life cycle 7
- constructor 154, 271, 332
- control class 223-4, 332
- CRC (class responsibility collaboration)
 - cards 148-51, 170-1, 252, 333
 - notation 149-50
- creation
 - of object 160, 257
- database 235-42, 333
 - object-oriented 236
 - relational 236-42
- data decomposition 78, 333
- data dictionary 130-5, 137, 333
- data hiding 83-4, 333
- data, persistent 235-42, 341
- data storage layer
 - architecture 228-9
- decision table 169-70, 333
- decision tree 169-70, 333
- decomposition 14, 79, 333
 - functional 14, 76-8
- deliverable 6, 333
- dependency 85, 334
 - packages 226-9
- deployment diagram 15, 222-3, 231, 244, 334
- design 222, 334
 - class diagram 250
 - detailed 249-64
 - interaction diagram 257-63
 - pattern 242-4, 334
 - categories 242-3
 - stage in traditional life cycle 6
- design pattern 242-4, 334
 - categories 242-3
- development method 10, 334