

UML index for Final in SE305 spring 2013

Reference book: **Applying UML and Patterns 3rd, Chinese version**

Produced by *Lhfcws Wu*

Sorted in dictionary order.

- **actor**
p49
- **Adapter(GoF)**
p317
- **aggregation**
p191
- **Agile rules:**
p21
- **architecture baseline**
p95
- **association class**
p193
- **attribute**
p117
- **class diagram**
p180
- **composition**
p191, composite aggregation p191
- **Composition(GoF)**
p328
- **conceptual class**
p102
- **context diagram**
p47
- **Controller**
p207, p218

- **Creator**
p203, p210
- **de facto standard diagraming notation**
p8
- **dependency**
p189
- **Design Class Diagram (DCD)**
p181
- **domain model**
p98
- **elaboration**
p95, artifacts p96
- **executable architecture**
p95
- **Facade(GoF)**
p335
- **Factory**
p320
- **FURPS+**
p42, about requirement
- **generalization**
p188
- **GoF(Gang of Four)**
GoF设计模式更注重FURPS+需求模型中的质量需求的设计。
- **GRASP**
Chapter 17 *p196*, 通用职责分配软件模式(GRASP)侧重于基本的通用设计过程, 是针对FURPS+需求模型中的Functional(功能性)的重要的设计原则。 <http://blog.chinaunix.net/uid-52437-id-2108586.html>
- **High Cohesion**
p209, p227
- **Inception Phase**
p37, 判断题4.4 p39
- **Information Expert**
p205, p212
- **interaction diagram**
p161, sequence diagram p162, communication diagram p162
- **iterative:**
p15, advantages p17
- **layer**

p147, p149

- **logical architecture(LA)**
p146
- **Low Coupling**
p206, p215
- **method**
p141
- **MVC**
p153
- **navigability arrow**
p182
- **note symbol**
p185
- **Object Constraint Language(OCL)**
p141
- **Observer(GoF) / Publish-Subscribe**
p337
- **operation**
p141
- **operation contract**
p133
- **package diagram**
p148
- **pattern**
p201
- **postcondition**
p55, p136
- **precondition**
p55
- **profile(简档)**
p188, UML profile p188
- **property(特性)**
p188, property string p188
- **qualified association**
p192, qualifier p192
- **refactor(重构)**
p282

- **requirement**
p41, types p42, requirement artifacts p43
- **Singleton(GoF)**
p321
- **socket notation**
p191
- **software structure**
p147
- **stereotype(构造型)**
p188
- **Strategy(GoF)**
p324
- **structural property**
p182
- **system behavior**
p129
- **system event**
p128
- **system operation**
p128, p135
- **System Sequence Diagram (SSD)**
p128
- **Test Driven Development (TDD)**
p279
- **UML classifier(类元)**
p182
- **UML keyword**
p187
- **UML operation & method**
p186
- **UP :**
p14
- **UP phases:**
p25, discipline p25, inception elaboration construction transition
- **use case**
p45, use case instance p47, scenario p47, use case model p47, why use case p48, example p50, details in each part p55
- **use case diagram**
p67

- **waterfall:**
p17